

## COURSE OUTLINE

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# SEMESTER 1

## COMPULSORY COURSES

### MANAGEMENT OF EDUCATIONAL UNITS

#### (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK18                                                                                                                       | <b>SEMESTER</b>              | <b>SEMESTER 1</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | MANAGEMENT OF EDUCATIONAL UNITS                                                                                             |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | General Background – COMPULSORY                                                                                             |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

#### (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| Upon completion of the course, students will be able to understand: <ul style="list-style-type: none"> <li>• Theories of management thought</li> <li>• The concept of leadership</li> <li>• Theories of motivation in educational units</li> <li>• The concept and role of communication in education</li> <li>• The role of conflict and negotiation in educational units</li> </ul>                                                                                                                                                                                                                                                                         |

- The use of modern tools and methods for solving problems in education
- How decisions are made in educational units
- The role of innovation and ICT in education

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course aims to equip postgraduate students with modern theoretical and practical knowledge, skills and competences to improve the performance of management duties in organisations and organisational units providing educational services. It trains students to understand and use modern tools and methods to solve significant and complex problems faced by educational units at various management levels, enabling them, as current or future managers, to contribute productively to management decisions and their implementation.

#### TAUGHT MODULES

Week 1: Introduction to Management in Educational Units. Week 2: Theories of Management Thought

Week 3: Leadership and Motivation in Educational Units. Week 4: Communication, Conflict and Negotiation in Educational Units. Week 5: Strategy Development and Planning in Educational Units

Week 6: Midterm Examination

Week 7: Decision-making Processes in Educational Units. Week 8: Innovation and ICT in Educational Units  
 Week 9: Total Quality Management in Educational Units. Week 10: Student Assignment Presentations

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DISTANCE LEARNING</b>                                                                                                   |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b> |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                            | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                   | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                      | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ASSIGNMENT                                                                                                                 | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EXAMINATIONS                                                                                                               | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                               | 183                      |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | Evaluation is based on a midterm examination (50% of the grade) and an assignment (a bonus of 50% of the grade).           |                          |

#### (4) ATTACHED BIBLIOGRAPHY

##### - Suggested bibliography:

Syrmakesis, S. (2017). Educational Administration: Culture, Organisation and the Teaching Profession [in Greek]. Gutenberg – Giorgos & Kostas Dardanos.

Saiti, A., & Saitis, Ch. (2022). Organisation and Administration of Education in Preschool and School Education [in Greek]. Katagramma.

Marques J., Dhiman, S., Holt, S. (2012). Business Administration Education, Palgrave Macmillan

##### - Related academic journals:

Journal of Business Administration and Education

Journal of Management and Business Education



# THE ECONOMIC ENVIRONMENT OF EDUCATIONAL UNITS

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK46                                                                                                                       | <b>SEMESTER</b>              | SEMESTER 1     |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | ECONOMY, BUSINESSES AND INSTITUTIONS                                                                                        |                              |                |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b> |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5            |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | General Background – COMPULSORY                                                                                             |                              |                |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| Upon completion of the course, students will be able to understand: <ul style="list-style-type: none"> <li>• The fundamental problem of resource scarcity</li> <li>• The determinants of supply and demand</li> <li>• Equilibrium analysis in different market structures</li> <li>• Basic macroeconomic identities</li> <li>• The determination of Gross National Product</li> <li>• How countercyclical policy operates</li> </ul>                                                                                                                                                                                                                          |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course introduces the basic concepts of economics. It emphasises the use of economic analysis as a key tool for studying the allocation of economic resources to social sectors such as education. From this perspective, it also examines the impact of economic policy on the decisions of consumers and service providers, including educational units. The topics are analysed theoretically and discussed through practical applications, particularly in education. All concepts underlying the modules are discussed during lectures, and the course has no prerequisites.

#### TAUGHT MODULES

1. Introduction to Microeconomic Theory (Demand, Supply and Market Equilibrium)
2. Demand and Supply Elasticities
3. Consumer Behaviour
4. Production and Cost
5. Market Structures
6. Introduction to Macroeconomics (Definition and Measurement of Key Aggregates)
7. Aggregate Demand and Aggregate Supply
8. Fiscal and Monetary Policy
9. Unemployment and Inflation
10. Economic Development

### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DISTANCE LEARNING</b>                                                                                                   |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b> |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                            | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                   | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                      | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ASSIGNMENT                                                                                                                 | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EXAMINATIONS                                                                                                               | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                               | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on a midterm examination (50% of the grade) and an assignment (a bonus of 50% of the grade).</b>    |                          |

#### (4) ATTACHED BIBLIOGRAPHY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><u>- Suggested bibliography:</u></p> <p>Mankiw, N. Gregory (2002). Principles of Economics [Greek edition]. Typothito.</p> <p>Mankiw, N. Gregory, &amp; Taylor, Mark P. (2021). Economics (Microeconomics) [Greek edition]. Tziola.</p> <p>Mankiw, N. Gregory (2019). Macroeconomics [Greek edition]. Gutenberg.</p> <p>Harvey S. Katz, Michael L.; Rosen (1991). Microeconomics, Irwin</p> <p>Joseph E. Stiglitz (1997). Principles of Macroeconomics, W W Norton &amp; Co Inc</p> <p><u>-Related academic journals:</u></p> <p>Journal of Macroeconomics</p> <p>American Journal of Macroeconomics</p> <p>Studies in Microeconomics</p> <p>American Journal of Microeconomics</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# ECONOMICS OF EDUCATION

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK19</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 1</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | ECONOMICS OF EDUCATION                                                                                                      |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | General Background – COMPULSORY                                                                                             |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul>                       |
| Upon completion of the course, students will be able to understand: <ul style="list-style-type: none"> <li>• What kind of good education is</li> <li>• How demand for education is determined</li> <li>• How supply of education is determined</li> <li>• The difference between the cost and financing of education</li> <li>• Different ways of financing education</li> <li>• How decisions about investment in education are made</li> <li>• How returns to education are calculated</li> <li>• How education relates to income distribution and equality</li> <li>• How teachers' pay and employment are determined</li> <li>• The role of education in development</li> </ul> |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course explains the structure and operation of the market for educational services. The economics of education examines individuals' decisions to invest in education; the determinants of demand for and supply of educational services; ways of financing these services; state intervention in their market; effective planning of educational services and allocation of educational resources; and the long-term effects of education on poverty, economic inequality, unemployment and economic growth.

#### LECTURES

1. Education as a Good and the Market for Educational Services
2. Demand for Educational Services
3. Supply of Educational Services
4. Equilibrium in the Market for Educational Services
5. Cost and Financing of Educational Services
6. Investment in Education and Its Returns
7. Education, Income Distribution and Equality
8. The Labour Market for Teachers
9. Planning Issues in Education. Education and the Labour Market
10. The Role of Education in Economic Development

## 11. Assignment Presentations and Review Questions

### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                               |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DISTANCE LEARNING</b>                                                                                                                      |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                    |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                                               | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                                      | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                                         | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ASSIGNMENT                                                                                                                                    | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EXAMINATIONS                                                                                                                                  | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                                                  | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on the final examination (100% of the grade) and an optional assignment (a bonus of 10% on the examination grade).</b> |                          |

### (4) ATTACHED BIBLIOGRAPHY

#### - Suggested bibliography:

1. Lovenheim, M., & Turnet, S. (2020). *Economics of Education* [Greek edition]. Broken Hill.
2. Psacharopoulos, George. *Economics of Education* [in Greek]. Papazisis.
3. Giannakopoulos, Nikolaos, & Demousis, Michalis. *Economics of Education* [in Greek]. Kallipos (<https://repository.kallipos.gr/handle/11419/3522>).

#### - Related academic journals:

Journal of Economic of Education  
Economics of Education Review  
Review of Educational Research  
Educational Research Review

# ELECTIVE COURSES

## ENTREPRENEURSHIP IN EDUCATION

### (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK29                                                                                                                       | <b>SEMESTER</b>              | <b>SEMESTER 1</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | ENTREPRENEURSHIP IN EDUCATION                                                                                               |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

### (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| Upon completion of the course, students will be able to understand: <ul style="list-style-type: none"> <li>• And understand the concept of entrepreneurship</li> <li>• The basic principles of business development</li> <li>• How to analyse a business environment</li> <li>• How entrepreneurship relates to innovation</li> <li>• How to analyse the market in which an educational unit will operate</li> <li>• How to seek sources of funding</li> </ul>                                                                                                                                                                                                |

- Electronic business

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility*

*and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course familiarises students with the conceptual framework of entrepreneurship and the philosophy underpinning it. Its main objectives are to teach the basic principles of business development and to analyse the environment in which a business operates. Upon successful completion, students are expected to have acquired appropriate learning tools to apply in entrepreneurial activities.

#### TAUGHT MODULES

- Introduction to Entrepreneurship
- The Links between Entrepreneurship and Socioeconomic Development
- Entrepreneurship and Innovation
- Business Plan
- Market Analysis and Product Positioning
- Product Promotion Strategies (Marketing Plan)
- Sources of Funding
- Electronic Business (e-business)
- Entrepreneurship in Education
- Case Studies from the Education Sector

## TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                       |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DISTANCE LEARNING</b>                                                                                                                                                                              |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                                                            |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                                                                                                       | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                                                                                              | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                       |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                                                                                                 | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ASSIGNMENT                                                                                                                                                                                            | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Examinations                                                                                                                                                                                          | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                       |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                       |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                       |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                                                                                                          | 183                      |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on the final examination (50% of the grade) and an assignment (50% of the grade).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

## (4) ATTACHED BIBLIOGRAPHY

### - Suggested bibliography:

- Petrakis, Panagiotis (2008). Entrepreneurship [in Greek]. Self-published.
- Bessant, John, & Tidd, Joe (2016). Innovation and Entrepreneurship [Greek edition]. Tziola.
- Kefis, Vasilis, & Papazachariou, Petros (2009). The Entrepreneurial Vision in a Business Plan [in Greek]. Kritiki.

### - Related academic journals:

Entrepreneurship Education

Journal of Entrepreneurship Education

Entrepreneurship Education: Challenged and Challenging

# TOPICS IN EDUCATIONAL RESEARCH

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK10                                                                                                                       | <b>SEMESTER</b>              | SEMESTER 1     |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | TOPICS IN EDUCATIONAL RESEARCH                                                                                              |                              |                |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b> |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5            |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• The relationship of educational research to epistemology, logic and ethics</li> <li>• How to present and analyse tools for studying and understanding research articles</li> <li>• The basic concepts of game theory</li> <li>• The application of mathematical modelling to theoretical analysis of the economic dimensions of educational problems</li> </ul>                                                                                                                                                                           |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The opening modules present scientific research in general, its different types and its relationship to epistemology, logic and ethics. They provide a theoretical foundation for the programme's course Research Methodology and Research Paper Writing. The course then focuses on specific theoretical research topics of current interest in the economics of education. It explores selected concepts introduced in Economics of Education in greater depth, presenting and analysing the tools required to study and understand research articles discussed in class. It also introduces basic concepts of game theory and, where appropriate, mathematical modelling for theoretical analysis of the economic dimensions of educational problems. In this way, it complements Statistical Methodology and the Social Sciences, which focuses on empirical research.

The course is self-contained and relies exclusively on contemporary research articles selected by the instructor. The bibliography below is therefore indicative and included for completeness.

#### COURSE OUTLINE

1. Research in the Social Sciences.
2. Well-formulated Research Questions. Formulating Scientific Theory and Its Limits.

3. Tools for Theoretical Research.
4. Spatial Location of Educational Institutions. Competition Models with Spatial Price Discrimination. Nash Equilibrium and Consistent Predictions.
5. Public and Private Educational Institutions. Competition for Market Share.
6. Spatial Models of Horizontal and Vertical Differentiation.
7. Public Education and Social Mobility.
8. Private Education and Mobility.
9. Attracting Foreign Investment and Education.
10. Planning Higher Education.
11. Final Examination.

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DISTANCE LEARNING</b>                                                                                                   |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b> |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                            | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                   | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                      | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ASSIGNMENT                                                                                                                 | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EXAMINATIONS                                                                                                               | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                               | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | Evaluation is based on an examination (50% of the grade) and an assignment (50% of the grade).                             |                          |

#### (4) ATTACHED BIBLIOGRAPHY

##### - Suggested bibliography:

- Cohen L., Manion L., Morrison K. Research Methods In Education, Routledge, 2007.

- Krepps D., Game Theory an Economic Modelling, Oxford University Press, USA 1990.
- Serrano R., Feldman A., A Short Course in Intermediate Microeconomics with Calculus, Cambridge University Press, 2013.

- Gibbons, R. (2009). Introduction to Game Theory [Greek edition]. Gutenberg.
- Sarafopoulos, G., & Mylonas, N. (2016). Mathematics for Economics [in Greek]. Tziola.

- Related academic journals:

International Journal of Research Methodology  
International Journal of Social Research Methodology  
International Journal of Educational Methodology

# MARKETING AND STRATEGY OF EDUCATIONAL ORGANISATIONS

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK21</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 1</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | MARKETING AND STRATEGY OF EDUCATIONAL ORGANISATIONS                                                                         |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• The concept of human capital</li> <li>• Marketing tools and principles</li> <li>• How to manage and develop strategic marketing competences</li> <li>• How to analyse the environment of educational organisations</li> <li>• How to promote educational organisations' programmes and services</li> <li>• How to attract and manage donations</li> <li>• Nudge theory</li> </ul>                                                                                                                                                                |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course explains specific topics relating to the elements of marketing and their relationship to educational organisations. Postgraduate students will understand the concept of human capital and extend their knowledge of marketing tools and principles, enabling them to manage and develop strategic marketing competences and knowledge effectively and efficiently.

#### COURSE CONTENTS

1. Elements of Marketing
2. Analysis of the Environment of Educational Organisations
3. Behaviour
4. Marketing Planning and Strategy for Educational Organisations
5. Communication with the External Environment
6. Promotion of Educational Organisations' Programmes and Services
7. Attracting and Managing Financial Support and Donations
8. Relationship Management,
9. Nudge Theory,
10. Migration Policies and Education

### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                       |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DISTANCE LEARNING</b>                                                                                                                                                                              |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                                                            |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                                                                                                       | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                                                                                              | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                       |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                                                                                                 | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ASSIGNMENT                                                                                                                                                                                            | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Examinations                                                                                                                                                                                          | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                       |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                       |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                       |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                                                                                                          | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on the final examination (50% of the grade) and an assignment (50% of the grade).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

#### (4) ATTACHED BIBLIOGRAPHY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>· <u>Suggested bibliography:</u></p> <p>Perreault, William D., Jr., Cannon, Joseph P., &amp; McCarthy, E. Jerome (2022). Marketing: A Strategic Approach [Greek edition]. Broken Hill Publishers Ltd.</p> <p>Paganos, I. (1998). Educational Institutions and Marketing: Strategic Marketing of Educational Programmes and Services [in Greek]. Leader.</p> <p>Books</p> <p>· <u>Related academic journals:</u></p> <p>Journal of Marketing Education</p> <p>Journal of Marketing for Higher Education</p> <p>Journal for Advancement of Marketing Education</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# LEADERSHIP IN EDUCATION

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK24                                                                                                                       | <b>SEMESTER</b>              | SEMESTER 1     |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | LEADERSHIP IN EDUCATION                                                                                                     |                              |                |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b> |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5            |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• How to address challenges in the school environment</li> <li>• How to make sound decisions in managing educational units</li> <li>• How to transform a school into a high-quality and productive unit</li> <li>• How to manage crises and conflicts in the school workplace</li> <li>• How leadership relates to authority</li> <li>• Leadership models and theories</li> <li>• The relationship between social capital and leadership</li> <li>• The concept of sustainable leadership</li> </ul>                                        |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

Leadership involves mobilising and guiding human resources to contribute effectively to the objectives of an educational organisation. Upon completion, postgraduate students are expected to address challenges in the school environment and make sound decisions, as managers or members of the teaching staff, by applying relevant scientific knowledge and techniques for solving school management problems. They should be able to transform a school into a high-quality and productive educational unit. Managing crises and conflicts in the school workplace provides representative examples of these challenges.

#### COURSE CONTENTS

1. The Concept of Leadership; Leadership and Management,
2. Leadership Relationships; Authority and Leadership,
3. Leadership Models and Theories,
4. The Nature of Teams; Culture and Leadership,
5. Leadership and Behaviour,
6. Social Capital and Leadership,
7. Sustainable Leadership,
8. Relational Leadership,

9. Risk Management,
10. Concepts and techniques for solving management problems (e.g. conflict and crisis management through case studies); aspects of collective decision-making through the teaching staff; use of case studies.

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DISTANCE LEARNING                                                                                                                                                                       |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                                              |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                                                                                         | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                                                                                | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                                                                                   | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ASSIGNMENT                                                                                                                                                                              | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Examinations                                                                                                                                                                            | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                          |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                                                                                            | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | Evaluation is based on the final examination (50% of the grade) and an assignment (50% of the grade).<br><br>Evaluation criteria are communicated to students during the first lecture. |                          |

#### (4) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

Tamisoglou, Ch. (2020). Leadership in Education [in Greek]. Gutenberg.  
Raptis, N., & Grigoriadis, D. (2021). Leadership of Educational Units [in Greek]. Kyriakidis.

-Related academic journals:

Educational Leadership  
Educational Leadership and Administration  
International Journal of Leadership in Education

# MANAGEMENT INFORMATION SYSTEMS AND ELECTRONIC GOVERNANCE

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK20</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 1</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | MANAGEMENT INFORMATION SYSTEMS AND ELECTRONIC GOVERNANCE                                                                    |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• The use of information technology to make more effective use of educational system resources</li> <li>• The use of information technology to store large volumes of data for educational policymaking</li> <li>• Decision support for the stakeholders involved</li> <li>• How to collect and analyse data from international databases</li> <li>• How to simulate the current situation using information technology</li> </ul>                                                                                                                 |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

In recent years, information technology has made a crucial contribution to: i) more effective use of educational system resources; ii) storage of large volumes of data for educational policymaking; iii) decision support for stakeholders; and iv) improvement of the services provided. The course trains students to use management information systems. Learning to use these systems enables them to collect and analyse data from international databases, obtain a detailed picture of each country and subsequently make decisions. Students will also learn to operate enterprise resource planning systems for businesses and organisations. To introduce the criteria and techniques for evaluating management information systems, the course presents web-based systems designed for online evaluation. A further contemporary approach uses simulation to represent an organisation's current situation, identify problems and explore alternative scenarios to improve the management of resources and processes.

## LECTURES

Digital Governance, Social Media and Mobile Computing. Understanding ERP Systems  
Redesign and ERP Systems – ERP Modules  
ERP Systems: Accounting and Finance Modules  
ERP Systems: Sales and Inventory Module.  
Understanding BI Systems

### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DISTANCE LEARNING</b>                                                                                                   |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b> |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                            | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                   | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                      | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ASSIGNMENT                                                                                                                 | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EXAMINATIONS                                                                                                               | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                               | 183                      |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | Evaluation is based on an examination (50% of the grade) and an assignment (50% of the grade).                             |                          |

### (4) ATTACHED BIBLIOGRAPHY

#### - Suggested bibliography:

Pollalis, G., & Vozikis, A. (2012). Enterprise Resource Planning Information Systems: Strategies and Applications [in Greek]. Utopia.  
London, C. K., & London, J. P. (2014). Kleidarithmos.

#### -Related academic journals:

Journal of Management Information Systems (JMIS)  
Information Systems Management

# APPLIED SOCIAL RESEARCH IN EDUCATION USING SPSS

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK32</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 1</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | APPLIED SOCIAL RESEARCH IN EDUCATION USING SPSS                                                                             |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• How to design and conduct a study</li> <li>• How to collect, enter and process data using SPSS</li> <li>• How to design a questionnaire</li> <li>• And understand and evaluate research results</li> <li>• How to use SPSS to conduct econometric analysis</li> </ul>                                                                                                                                                                                                                                                                            |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

This course provides general tools for conducting empirical studies. Students learn to design and conduct a study from the outset, search for and collect data from publicly available sources, and design a questionnaire based on international standards and a sound theoretical and econometric foundation. Through practical applications, they learn the basic tools for econometric analysis. Upon completion, students will better understand how to conduct research using empirical data, frame the question under investigation and present results clearly and concisely.

Objectives:

The short-term objective is to help students write a thesis based on empirical data.

The main long-term aim of any learning process is to promote critical thinking.

Graduates of this postgraduate programme will be called upon to understand and evaluate research results used to answer key educational policy questions. The course equips students to assess how each study was conducted and identify questions that remain unanswered. A potentially more important objective arises from the fact that many graduates will themselves be called upon to produce empirical findings on key issues. The

course primarily aims to teach students how to conduct a study and, where necessary, communicate its findings and conclusions.

#### Lecture Outline:

Lecture 0: How to write a thesis. Identifying a research question. Conducting a literature review. Designing a questionnaire (finding questionnaires meeting international standards, Google Forms, etc.).

Lecture 1: Data entry in SPSS. Variable coding. Creating and calculating new variables in SPSS. Importing data from Excel.

Lecture 2: Descriptive statistics (e.g. a correlation table). Presenting graphs. Lecture 3: Hypothesis testing (t-tests).

Lecture 4: Linear regression with one independent variable. The least squares method. Statistical significance and interpretation of coefficients. Lecture 5:

Multiple linear regression. Hypothesis testing (F-tests). Lecture 6: Problems in linear regression and how to address them, Part 1. Lecture 7: Problems in linear regression and how to address them, Part 2. Lecture 8: How a metro system (railway network) relates to the Nobel Prize in Economics. Probit and logit using SPSS.

Lecture 9: Review.

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DISTANCE LEARNING                                                                                                          |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                  | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b> |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i> | <b>Activity</b>                                                                                                            | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LECTURES                                                                                                                   | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STUDY                                                                                                                      | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SPSS PRACTICE                                                                                                              | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Examinations                                                                                                               | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course total                                                                                                               | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i>                                                                                                                                                                                                                                                                                                                                                                                                                         | Evaluation is based on the final examination (100% of the grade).                                                          |                          |

|                                                                                                                                                                                                                                                                                                                                                         |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i> | <p>Evaluation criteria are communicated to students during the first lecture.</p> |
| <i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i>                                                                                                                                                                                                                                   |                                                                                   |

#### (4) ATTACHED BIBLIOGRAPHY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>- <u>Suggested bibliography:</u></p> <p>Discovering Statistics Using IBM SPSS Statistics, by A. Field, 2013, 4th Edition, Sage Publications Ltd, London</p> <p>Anastasiadou, D. S. (2012). Statistics and Research Methodology in the Social Sciences [in Greek]. Kritiki.</p> <p>Gnardellis, Ch. (2019). Applied Statistics [in Greek]. Papazisis.</p> <p>Gnardellis, Ch. (2013). Data Analysis with IBM SPSS Statistics 21 [in Greek]. Papazisis.</p> <p>- <u>Related academic journals:</u></p> <p>Journal of Applied Social Science</p> <p>Journal of Humanities and Applied Social Sciences</p> <p>International Journal of Business and Applied Social Science</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# GLOBALISED ECONOMY AND INTERCULTURAL EDUCATION

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK11</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 1</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | GLOBALISED ECONOMY AND INTERCULTURAL EDUCATION                                                                              |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• The concept of globalisation and how it is framed in economics and education</li> <li>• In depth, the role of supranational organisations in promoting “globalised” policies for regulation and quality assurance in education</li> <li>• How to critically examine educational policy toolkits and the resulting social justice issues</li> </ul>                                                                                                                                                                                               |
| <ul style="list-style-type: none"> <li>• The concepts of interculturalism and intercultural education</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

Upon completion, students will understand the concept of globalisation and its framing in economics and education, have an in-depth knowledge of the role of supranational organisations in promoting “globalised” policies for educational regulation and quality assurance, and distinguish how globalised educational policies are reframed at national level.

They will also be able to critically examine educational policy “toolkits” and the social justice issues that arise

particularly in the context of the global economic crisis. Finally, they will be familiar with interculturalism and intercultural education, distinguish the European dimensions of intercultural education and evaluate relevant teaching practices.

#### COURSE OUTLINE

1. From Economic Globalisation to the Globalisation of Knowledge (I & II).
2. From Economic Globalisation to the Globalisation of Knowledge (II).
3. Introduction to Educational Policies.
4. Educational Governance: Supranational Organisations and Quality Policies in Education.
5. Approaches to Educational Autonomy.

6. Introduction to Intercultural Education.
7. Models for Managing Diversity.
8. Quality and Equality Issues in Intercultural Education.
9. European Dimensions of Intercultural Education.
10. Approaches and Applications of Intercultural Education

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                             |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DISTANCE LEARNING                                                                                                                           |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                  |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                 | <b>Activity</b>                                                                                                                             | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LECTURES                                                                                                                                    | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STUDY                                                                                                                                       | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ASSIGNMENT                                                                                                                                  | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course total                                                                                                                                | 180                      |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | Evaluation is based on an assignment (100% of the grade).<br><br>Evaluation criteria are communicated to students during the first lecture. |                          |

#### (4) ATTACHED BIBLIOGRAPHY

##### - Suggested bibliography:

Govaris, Ch. (2011). Introduction to Intercultural Education [in Greek]. Diadrasi.  
 Angelidis, P. (2013). Intercultural Dialogue in Education [in Greek]. Diadrasi.  
 Papagaryfallou, P. (2022). Globalisation and Multiculturalism [in Greek]. To Antidoto.

##### - Related academic journals:

Journal of Intercultural Communication  
 Globalization and Intercultural Relations  
 JOURNAL OF INTERCULTURAL MANAGEMENT

## SEMESTER 2

### COMPULSORY COURSES

#### HUMAN RESOURCE MANAGEMENT IN EDUCATION

##### (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK02</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 2</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | HUMAN RESOURCE MANAGEMENT IN EDUCATION                                                                                      |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | General Background – COMPULSORY                                                                                             |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

##### (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| Upon completion of the course, students will be able to understand: <ul style="list-style-type: none"> <li>• The concepts of human resources and management</li> <li>• Methods of staff evaluation</li> <li>• Methods of dispute resolution</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                        |

- Methods of communication and behaviour between supervisors and employees
- The relationship of management to organisational behaviour and culture
- The role of the manager-leader and the associated functions and competences

#### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

#### COURSE AIM

The course develops students' conceptual and theoretical foundations in Human Resource Management and Organisational Behaviour.

#### COURSE OBJECTIVES

The main objectives are:

Knowledge of the most important concepts concerning human resources and their management.

Evaluation of staff selection methods through theoretical and practical approaches.

Examination of staff training and remuneration systems. Acquisition of knowledge about dispute resolution (employee toxicity), communication methods and behaviour, and their relationship to organisational and other forms of culture, at both individual and collective levels.

Understanding the importance of the manager-leader's roles and their associated functions and competences.

## TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISTANCE LEARNING</b>                                                                                                                                          |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                        |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                 | <b>Activity</b>                                                                                                                                                   | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LECTURES                                                                                                                                                          | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STUDY                                                                                                                                                             | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Case studies                                                                                                                                                      | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EXAMINATIONS                                                                                                                                                      | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course total                                                                                                                                                      | 183                      |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on the final examination (100% of the grade).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

## (4) ATTACHED BIBLIOGRAPHY

### - Suggested bibliography:

- Dessler, Gary (2015). Human Resource Management [Greek edition]. Kritiki.
- Gomez-Mejia L., Balkin D., Cardy R. (2016), Managing Human Resources, 8th ed., Pearson.
- Papageorgiou, P., & Chatzidima, S. (2003). Introduction to the Economics of Human Resources and Education [in Greek]. Ath. Stamoulis, Athens, 2003.
- Chytiris, L. (2013). Human Resource Management [in Greek]. Politeia, Athens.
- Katsanevas, Th., & Tsiaparikou, I. (2013). Applied Human Resource Management [in Greek]. Patakis.
- Costley L. D., Todd R., (1991). Human Relations in Organisations. West Publishing Company, USA
- Arnold J., Cooper L. C., Robertson T. I., (2005). Work Psychology: Understanding Human Behaviour in the Workplace. Pearson Education Limited, UK
- Terzidis, K., & Tzortzakos, K. (2004). Human Resource Management [in Greek]. Rosili, Athens.
- Blyton P., Turnbull P., (2004). The Dynamics of Employee Relations. Palgrave Macmillan, UK
- Itzen C., Newman J., (1995) Gender, Culture and Organizational Change. Putting Theory into Practice. Routledge, UK

### - Related academic journals:

**Human Resource Management (HRM)**  
**Journal of Organizational Behavior**



# STATISTICAL METHODOLOGY FOR THE SOCIAL SCIENCES

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK04                                                                                                                       | <b>SEMESTER</b>              | <b>SEMESTER 2</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | STATISTICAL METHODOLOGY FOR THE SOCIAL SCIENCES                                                                             |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | General Background – COMPULSORY                                                                                             |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• The basic statistical analysis used in social science and education</li> <li>• How uncertainty affects decision-making</li> <li>• The use of statistics in decision-making</li> <li>• How to understand the behaviour of a phenomenon</li> <li>• The process of testing behaviour</li> </ul>                                                                                                                                                                                                                                              |
| <b>General Competences</b><br><i>Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?</i><br>Search for, analysis and synthesis of data and                      Project planning and management                                                                                                                                                                                                                                                                                                                                     |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>information, using the necessary technology</i><br><i>Adapting to new situations</i><br><i>Decision-making</i><br><i>Working independently</i><br><i>Team work</i><br><i>Working in an international environment</i><br><i>Working in an interdisciplinary environment</i><br><i>Production of new research ideas</i>                                                                                                                                                                                                                       | <i>Respect for diversity and multiculturalism</i><br><i>Respect for the natural environment</i><br><i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i><br><i>Criticism and self-criticism</i><br><i>Promotion of free, creative and inductive thinking</i><br><i>.....</i><br><i>Others...</i><br><i>.....</i> |
| <ul style="list-style-type: none"> <li>• Search for, analysis and synthesis of data and information, using the necessary technology</li> <li>• Adapting to new situations</li> <li>• Decision-making</li> <li>• Team work</li> <li>• Working in an interdisciplinary environment</li> <li>• Project planning and management</li> <li>• Criticism and self-criticism</li> <li>• Production of new research ideas</li> <li>• Respect for diversity and multiculturalism</li> <li>• Promotion of free, creative and inductive thinking</li> </ul> |                                                                                                                                                                                                                                                                                                                                                            |

### (3) SYLLABUS

The course provides students with basic knowledge of statistical analysis used in social science and education to identify patterns in phenomena. Decision-making involves uncertainty and therefore requires a quantitative approach to support a proposal. This course helps students understand how statistical analysis operates in decision-making. It is taught in a simple, accessible manner and does not require a substantial background in statistical analysis. Upon completion, students will understand the importance of statistical analysis in identifying and testing patterns of behaviour and in making decisions to formulate strategies and objectives. Taught modules:

- Introduction to Statistical Analysis
- Measures of Central Tendency and Dispersion
- Measures of Central Tendency and Dispersion (Grouped Data)
- Probability
- Bivariate Probabilities
- Discrete Random Variables – Expected Value and Variance
- Covariance and Correlation
- Continuous Random Variables
- Distributions of Random Variables
- Confidence Intervals for the Mean and Variance
- Hypothesis Tests for the Mean and Variance
- Decision-making Issues

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISTANCE LEARNING</b>                                                                                                                                          |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                        |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                 | <b>Activity</b>                                                                                                                                                   | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LECTURES                                                                                                                                                          | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STUDY                                                                                                                                                             | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Case studies                                                                                                                                                      | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EXAMINATIONS                                                                                                                                                      | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course total                                                                                                                                                      | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on the final examination (100% of the grade).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

#### (4) ATTACHED BIBLIOGRAPHY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>- <u>Suggested bibliography:</u></p> <p>Agiakloglou, Ch., &amp; Benos, Th. (2007). Introduction to Econometric Analysis [in Greek]. Benos.</p> <p>Agiakloglou, Ch., &amp; Oikonomou, G. (2019). Forecasting and Decision-making Methods [in Greek]. Benos.</p> <p>Kolyva-Machaira, Foteini, Bora-Senta, Efthymia, &amp; Bratsas, Charalampos (2018). Statistics: Theory, Applications and Examples in R [in Greek]. Ziti.</p> <p>-<u>Related academic journals:</u></p> <p>Journal of Social and Economic Statistics</p> <p>Journal of Applied Statistics</p> <p>Annals of Applied Statistics</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# FINANCIAL ANALYSIS OF EDUCATIONAL RESOURCES

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK06                                                                                                                       | <b>SEMESTER</b>              | SEMESTER 2     |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | FINANCIAL ANALYSIS OF EDUCATIONAL RESOURCES                                                                                 |                              |                |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b> |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5            |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
| <i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>                                                                                                                                   |                                                                                                                             |                              |                |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | General Background – COMPULSORY                                                                                             |                              |                |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• The tools required for financial decision-making in education</li> <li>• The concept of the time value of money</li> <li>• The concept of risk</li> <li>• The concept of investment appraisal in education</li> <li>• The concept of borrowing</li> <li>• The broader financial framework of educational resources</li> </ul>                                                                                                                                                                                                                    |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course provides postgraduate-level knowledge of financial analysis and equips students with the tools required for financial decision-making in education. Students learn basic financial concepts, including the time value of money and risk. Building on these concepts, the course analyses investment appraisal in education, borrowing, the use of financial valuation tools and the financial policy of educational organisations.

#### Teaching Schedule

1. Financial decision-making in education
2. The time value of money
3. Investment appraisal in education
4. Loans, shares and bonds
5. Financial policy of educational units
6. Financial markets, risks and risk elimination
7. The broader financial framework and educational resources

### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISTANCE LEARNING</b>                                                                                                                                          |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                        |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                 | <b>Activity</b>                                                                                                                                                   | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LECTURES                                                                                                                                                          | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STUDY                                                                                                                                                             | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Case studies                                                                                                                                                      | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EXAMINATIONS                                                                                                                                                      | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course total                                                                                                                                                      | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on the final examination (100% of the grade).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

#### (4) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

Kanas, A. (2021). Principles of Investment and Financial Market Analysis [in Greek]. Benos.

Vasiliou, D., & Iriotis, N. (2019). Investment Analysis and Portfolio Management [in Greek]. Rosili.

- Related academic journals:

Journal of Finance and Investment Analysis

Journal of Finance and Investment Analysis

International Journal of Financial and Investment Studies (IJFIS)

## ELECTIVE COURSES

### LABOUR MARKET, LIFELONG EDUCATION AND EUROPEAN EDUCATIONAL PROGRAMMES

#### (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK12                                                                                                                       | <b>SEMESTER</b>              | <b>SEMESTER 2</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | LABOUR MARKET, LIFELONG EDUCATION AND EUROPEAN EDUCATIONAL PROGRAMMES                                                       |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

#### (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• The concepts of unemployment and employment</li> <li>• How labour demand and supply are determined</li> <li>• How labour market equilibrium is achieved</li> <li>• The concept and role of lifelong learning</li> <li>• The benefits of lifelong learning</li> <li>• Adult education methodology</li> </ul>                                                                                                                                                                                                                                      |

- European educational programmes

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

This course comprises two sections. The first aims to explain how labour markets operate, focusing on labour demand and supply and human capital theory. The second explains the concept and characteristics of lifelong learning and the benefits of participation. It also analyses the principles and methodology of adult education. Finally, it examines European programmes such as Erasmus, Leonardo and Comenius.

#### Thematic Modules

- Unemployment – Employment
- Labour Supply
- Labour Demand
- Labour Market Equilibrium and Applications
- Human Capital
- Principles and Characteristics of Lifelong Learning
- The Development of Lifelong Learning in Greece and Europe
- The Benefits of Lifelong Learning
- Adult Education Methodology
- European Educational Programmes

### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                               |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DISTANCE LEARNING</b>                                                                                                                                                                                      |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                                                                    |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                                                                                                               | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                                                                                                      | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                                                                                                         | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Case Studies                                                                                                                                                                                                  | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Examinations                                                                                                                                                                                                  | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                                                                                                                  | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on a midterm examination (40% of the grade) and the final examination (60% of the grade).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

#### (4) ATTACHED BIBLIOGRAPHY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><u>- Suggested bibliography:</u></p> <p>Katsanevas, Th. (2007). Labour Economics and Labour Relations [in Greek]. Stamoulis SA. Sipitanou, A. (2014). European Union Policies and Lifelong Learning [in Greek]. University of Macedonia.</p> <p>Prokou, E. (2019). Adult Education and Lifelong Learning in Europe and Greece [in Greek]. Dionikos.</p> <p><u>-Related academic journals:</u></p> <p>Labour Economics</p> <p>Journal of Labor Economics</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Research in Labor Economics

International Journal of Lifelong Education

The International Review of Education – Journal of Lifelong Learning

# EDUCATIONAL DEVELOPMENT POLICIES AND APPLICATIONS

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK26                                                                                                                       | <b>SEMESTER</b>              | SEMESTER 2     |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | EDUCATIONAL DEVELOPMENT POLICIES AND APPLICATIONS                                                                           |                              |                |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b> |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5            |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul>                                                               |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• The meaning and content of “policy”, its distinction from “strategy”, the concept of educational policy, the sources of policies and models of educational policy</li> <li>• The parameters for effective implementation of an educational policy</li> <li>• The concept of educational reform, systems of public administration and their connections with education</li> <li>• How political decisions on educational policy are made and how voters can influence them</li> <li>• Different policies for financing education, why governments propose them and what outcomes they produce</li> </ul> |

- How educational policy relates to inequality and intergenerational mobility
- How educational policy relates to the labour market and what outcomes it produces
- How educational policy affects migration, poverty and crime

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course explains how educational policies are designed and implemented and their economic and social impacts. Sound educational policy underpins the smooth and effective operation of the educational system. Educational policy has economic and social dimensions, influencing both economic and social developments. It relates to social issues such as poverty, unemployment, migration and crime, and to economic issues such as economic development and the effective operation of public administration.

#### LECTURES

- Meaning and Content of “Policy”. Does “Strategy” Differ from “Policy”? Conceptual Approaches to Educational Policy. Sources of Policies.
- Parameters for Effective Implementation of Educational Policy. Models of Educational Policy.
- Educational Reforms.

- Systems of Organisational Structure. Systems of Public Administration. Centralisation and Decentralisation.
- Education, Training and the Economy.
- Political Decision-making. How Voters Influence Educational Policy.
- Policies for Financing Education. Their Outcomes.
- Educational Policy, Inequality and Intergenerational Mobility.
- Linking Educational Policy to the Labour Market.
- Educational Policy and Social Dimensions (Migration, Crime and Poverty).

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DISTANCE LEARNING                                                                                                                                                                       |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                                              |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                                                                                         | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                                                                                | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                                                                                   | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Assignment                                                                                                                                                                              | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Examinations                                                                                                                                                                            | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                                                                                            | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | Evaluation is based on an assignment (50% of the grade) and the final examination (50% of the grade).<br><br>Evaluation criteria are communicated to students during the first lecture. |                          |

#### (4) ATTACHED BIBLIOGRAPHY

##### - Suggested bibliography:

- Psacharopoulos, George. Economics of Education [in Greek]. Papazisis.
- Giannakopoulos, Nikolaos, & Demousis, Michalis. Economics of Education [in Greek]. Kallipos (<https://repository.kallipos.gr/handle/11419/3522>).

- Hillman, A. L. (2013). Public Finance and Public Policy [Greek edition]. Papazisis.
- Holcombe, R. C. (2019). Public Choice [Greek edition]. Pedio.
- Checchi Daniele, The Economics of Education. Human Capital, Family Background and Inequality, Cambridge University Press
- House, R.J. (1971). A path goal theory of leadership effectiveness. Administrative Science Quarterly, 16(September), pp. 321-338.
- Lawrence, P.J. & Lorsch, J.W. (1967). Organizations and environments: Managing differentiation and integration. Cambridge, MA: Harvard Business School Press
- Saitis, C. & Saiti, A. (2018). Initiation of Educators into Educational Management Secrets. Switzerland: Springer International Publishing
- Yfanti, A. (2011). Educational Policy and Planning for a Modern School [in Greek]. Athens: Livanis.

- Related academic journals:

Journal of Education Policy

Educational Policy (EP)

Educational Research for Policy and Practice

# INNOVATION AND SUSTAINABILITY STRATEGIES IN EDUCATION

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK33</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 2</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | INNOVATION AND SUSTAINABILITY STRATEGIES IN EDUCATION                                                                       |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>If credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• Strategies that can lead to a competitive advantage</li> <li>• The application of sustainable practices in the educational process</li> <li>• Innovation and sustainability strategies</li> <li>• The factors affecting the setting of tuition fees</li> <li>• The concept of innovation in education</li> <li>• The concept of sustainable development</li> </ul>                                                                                                                                                                               |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course provides specialised knowledge of the alternative strategies educational units develop to increase their profits in a market with constantly expanding consumer needs. Students learn strategies that can create a competitive advantage, including product differentiation and investment in innovative solutions. These strategies are combined with sustainable practices in the educational process, since education is the mechanism through which businesses can respond to citizens' demands for sustainable development.

Taught modules:

- Introduction to Innovation and Sustainability Strategies
- Strategic Analysis of the Competitive Environment in Education
- The Role of Distance between Educational Units in Setting Tuition Fees
- The Role of Service Quality in Setting Tuition Fees
- The Conceptual Framework of Innovation
- Innovation in Education
- Introduction to Sustainable Development
- Education for Sustainable Development
- Sustainable Practices in Education
- Case Studies from the Education Sector

### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                           |                                                                                                                            |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                           | <b>DISTANCE LEARNING</b>                                                                                                   |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching,</i> | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b> |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                               |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| laboratory education and communication<br>with students                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                               |                          |
| <b>TEACHING METHODS</b><br><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                 | <b>Activity</b>                                                                                                               | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                      | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                         | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Assignment                                                                                                                    | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                               |                          |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                                  | 180                      |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><br><i>Description of the evaluation procedure</i><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | Evaluation is based on an assignment (60%).<br><br>Evaluation criteria are communicated to students during the first lecture. |                          |

#### (4) ATTACHED BIBLIOGRAPHY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>- <u>Suggested bibliography:</u></p> <p>Tidd, J., &amp; Bessant, J. (2023). Managing Innovation: Technological, Entrepreneurial and Organisational Change [Greek edition]. Tziola.</p> <p>Karagiannis, Ilias G., &amp; Bakouros, Ioannis L. (2010). Innovation and Entrepreneurship: Theory and Practice [in Greek]. Sofia.</p> <p>- <u>Related academic journals:</u></p> <p>Journal of Innovations and Sustainability</p> <p>Journal on Innovation and Sustainability</p> <p>Journal of Strategic Innovation and Sustainability</p> <p>IIMBG Journal of Sustainable Business and Innovation</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# INFORMATION AND COMMUNICATION TECHNOLOGIES IN EDUCATION AND LEARNING

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK28</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 2</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | INFORMATION AND COMMUNICATION TECHNOLOGIES IN EDUCATION AND LEARNING                                                        |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| Upon completion of the course, students will be able to understand: <ul style="list-style-type: none"> <li>• What a management information system for an educational unit is</li> <li>• What databases are and how data protection is achieved</li> <li>• What e-learning is and how it relates to information technology</li> <li>• What asynchronous and synchronous e-learning management systems are and how they operate</li> <li>• How e-learning courses are designed</li> <li>• How e-learning teaching material is created</li> </ul>                                                                                                                |

### General Competences

Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?

Search for, analysis and synthesis of data and information, using the necessary technology

Adapting to new situations

Decision-making

Working independently

Team work

Working in an international environment

Working in an interdisciplinary environment

Production of new research ideas

Project planning and management

Respect for diversity and multiculturalism

Respect for the natural environment

Showing social, professional and ethical responsibility and sensitivity to gender issues

Criticism and self-criticism

Promotion of free, creative and inductive thinking

.....

Others...

.....

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

Taught modules.

- Management Information Systems for Educational Units.
- The Internet, Databases and Personal Data Protection.
- Research Methodology and Reliability of Online Information.
- Introduction to e-learning and the Technologies Involved
- Asynchronous and Synchronous e-learning Management Systems: Capabilities, Installation and Operating Costs
- Instructional Design and Evaluation of e-learning Courses
- e-learning Material: Development Tools, Technologies, Question Banks and the SCORM Standard
- Practical Training in Moodle / BigBlueButton

### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                             |                                                                                                                            |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                             | <b>DISTANCE LEARNING</b>                                                                                                   |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                              | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b> |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail.</i><br><i>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshops, interactive teaching, educational visits, projects</i> | <b>Activity</b>                                                                                                            | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                             | LECTURES                                                                                                                   | 30                       |
|                                                                                                                                                                                                                                                                                                             | STUDY                                                                                                                      | 90                       |
|                                                                                                                                                                                                                                                                                                             | Assignment                                                                                                                 | 60                       |
|                                                                                                                                                                                                                                                                                                             |                                                                                                                            |                          |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----|
| <p>and essay writing, artistic creativity, etc.</p> <p>Students' study hours for each learning activity and hours of independent study are stated according to the principles of ECTS.</p>                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                      |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Course total                                                                                                                         | 180 |
| <p><b>STUDENT PERFORMANCE EVALUATION</b></p> <p><i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i></p> <p><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i></p> | <p>Evaluation is based on an assignment (60%).</p> <p>Evaluation criteria are communicated to students during the first lecture.</p> |     |

#### (4) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

Lambrinoudakis, Konstantinos, Mitrou, Lilian, Gritzalis, Stefanos, & Katsikas, Sokratis (2010). Privacy Protection and Information and Communication Technologies: Technical and Legal Issues [in Greek]. Papasotiriou.

Zogopoulos, E. (2001). New Technologies and Communication Media in the Educational Process [in Greek]. Kleidarithmos.

Psycharis, S. (2009). Introducing Information and Communication Technologies (ICT) into Education [in Greek]. Papazisis.

-Related academic journals:

Journal of Information and Communication Technologies

Information, Communication & Society

International Journal of Information Technology, Communications and Convergence

# DESIGN, IMPLEMENTATION AND EVALUATION OF EDUCATIONAL PROGRAMMES

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK16                                                                                                                       | <b>SEMESTER</b>              | <b>SEMESTER 2</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | DESIGN, IMPLEMENTATION AND EVALUATION OF EDUCATIONAL PROGRAMMES                                                             |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul>                                                                                  |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• The rationale and content of different educational programmes, their objectives and dynamics</li> <li>• How to competently design the basic processes for developing an educational programme, taking account of the context in which it will be implemented.</li> <li>• How to implement a lifelong education programme with organisational competence (timelines, budget and phased implementation).</li> <li>• How to understand the importance of evaluation for the successful completion of an educational programme and apply different evaluation techniques within a broader participatory philosophy.</li> </ul> |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course introduces participants to the concepts of evaluation and management of educational programmes and their application in educational units. It analyses programme design and operation, the range of associated educational activities and their management in practice. It includes the following thematic modules:

- Monitoring, Evaluation and Accountability
- Psychosocial Dimensions and Structures of Organisations.
- Basic Mechanisms for Planning the Evaluation of an Educational Programme.
- Methods and Indicators for Evaluating an Educational Programme.
- Planning and Conducting the Evaluation of Educational Programmes.

The course examines real examples from the education market and analyses empirical studies. Upon completion, participants will be able to apply many of the concepts taught in their workplace.

#### LECTURES

Introduction to the Design and Organisation of Educational Programmes.

Exploring Educational Needs

Designing Educational Programmes.

Educational Programmes (I). Educational Programmes (II)

Problems and Practices in Managing Educational Programmes. Evaluation of Educational Programmes

Forms of Evaluation

Alternative Educational Programmes

### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                          |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DISTANCE LEARNING</b>                                                                                                                                                                 |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                                               |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                                                                                          | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                                                                                 | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                                                                                    | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Assignment                                                                                                                                                                               | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Exams                                                                                                                                                                                    | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                          |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                                                                                             | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on the final examination (60% of the grade) and an assignment (40%).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

#### (4) ATTACHED BIBLIOGRAPHY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><u>- Suggested bibliography:</u></p> <p>Saitis, Ch. (2008). <b>Organisation and Administration of Educational Structures</b> [in Greek]. Athens: University of Athens. Katsaros, I. (2008). Organisation and Administration of Education [in Greek]. Athens: Ministry of Education and Religious Affairs. Koutouzis, M., Karalis, Th., &amp; Prokou, E. (2005). Design, Management and Evaluation of Adult Education Programmes [in Greek]. Hellenic Open University. Giannakopoulou (2008). Organisation and Administration of Education as an Academic Discipline [in Greek]. Critique, Science and Education, 7 (2008).</p> <p>Mishra, R. (2007). School Administration and Organization. New Delhi: APH Publishing.</p> <p>? Southworth, G. (2002). Instructional Leadership in Schools. Reflections and empirical evidence. School Leadership and Management.</p> <p>? Tyler, W. (1988). School Organization: A sociological perspective. London: Crook Helm</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- Related academic journals:

The International Journal of Assessment and Evaluation  
Studies in Educational Evaluation | Journal  
Educational Assessment, Evaluation and Accountability

# INVESTMENT AND FINANCING IN EDUCATION

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK30                                                                                                                       | <b>SEMESTER</b>              | SEMESTER 2     |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | INVESTMENT AND FINANCING IN EDUCATION                                                                                       |                              |                |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b> |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5            |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• How the banking system operates</li> <li>• How the principal repayments of a bank loan are calculated</li> <li>• The financial instruments available to educational units</li> <li>• Alternative forms of financing, such as leasing, factoring and crowdfunding</li> <li>• The concepts of financial technology in education</li> <li>• Investment appraisal methods</li> </ul>                                                                                                                                                          |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

In a continually evolving economic environment, the course provides specialised, up-to-date knowledge of financing instruments and investment appraisal to help students understand the opportunities and challenges facing educational units. It examines the banking system, calculation of the principal repayments of a bank loan, financing instruments available to educational units and alternative forms of financing such as leasing and factoring. It also covers contemporary fintech-based instruments such as crowdfunding. After analysing the concepts of financial technology in education, the course presents applications such as the Coins Math Learning Game in primary education. It also analyses investment in education through appraisal methods and criteria for accepting or rejecting an investment.

#### Methodology

Theoretical and practical knowledge is presented and analysed through case studies of different forms of financing for educational units. Investment in educational structures is also examined from both theoretical and practical perspectives.

#### Lecture Schedule

##### Week 1: Basic Concepts. Time Value of Money

- Returns and Interest Rates
- Present and Future Value
- Annuities
- Calculation of Principal

##### Repayments. Week 2: Financing Instruments

- Forms and Framework of Financing

|                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Financial Engineering Instruments (FEIs).</li> </ul>                                                                                                                                                                                                                            |
| <b>Week 3: Leasing</b> <ul style="list-style-type: none"> <li>Definition</li> <li>Main Categories of Leases</li> <li>Application Process – Participants – Intended Beneficiaries</li> <li>Advantages and Disadvantages of Leasing</li> <li>Comparison of Leasing and Bank Financing.</li> </ul>                        |
| <b>Week 4: Factoring</b> <ul style="list-style-type: none"> <li>Definition</li> <li>Main Categories</li> <li>Services Provided</li> <li>Case Study Analysis</li> </ul>                                                                                                                                                 |
| <b>Week 5: Financial Technology in Education</b> <ul style="list-style-type: none"> <li>Definition</li> <li>Main Categories</li> <li>Financial education applications, such as the Coins Math Learning Game</li> <li>Risks</li> <li>Case Study</li> </ul>                                                              |
| <b>Week 6: Private and Public Investment in Education</b> <ul style="list-style-type: none"> <li>Definitions</li> <li>Main Categories and Concepts</li> <li>Differences and Similarities</li> </ul>                                                                                                                    |
| <b>Week 7: Scheduling Methodology</b> <ul style="list-style-type: none"> <li>Definition</li> <li>Weighted Average Cost of Capital</li> </ul>                                                                                                                                                                           |
| <b>Weeks 8–9: Investment Decision-making Tools and Appraisal Indicators in Education</b> <ul style="list-style-type: none"> <li>Definitions and Basic Concepts</li> <li>National Parameters and Accounting Prices</li> <li>Determining Economic Costs and Benefits</li> <li>NPV</li> <li>Scenario Analysis.</li> </ul> |
| <b>Week 10: Presentations</b>                                                                                                                                                                                                                                                                                          |

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                              |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                     | DISTANCE LEARNING                                                                                            |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                      | Use of ICT in teaching. Use of Teams for lectures<br>Use of e-class to upload teaching and research material |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail.</i><br><i>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshops, interactive teaching, educational visits, projects, essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and hours of independent study are stated according to the principles of ECTS.</i> | <b>Activity</b>                                                                                              | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                     | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                              |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                        | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Assignment                                                                                                   | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                              |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                              |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                              |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                              |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                 | 180                      |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i>                                                                                                                                                                                                                                                                                                                                                                                                             | Evaluation is based on an assignment (100% of the grade).                                                    |                          |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <p><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i></p> <p><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i></p> | <p>Evaluation criteria are communicated to students during the first lecture.</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|

#### **(4) ATTACHED BIBLIOGRAPHY**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><u><i>- Suggested bibliography:</i></u><br/> Tsaklagkanos, A. (2010). Investment Financing and Appraisal<br/> Investment Financing and Appraisal [in Greek]. Kyriakidis Brothers.</p> <p>Kiochos, P., &amp; Panagou, V. Financial Management, Investment Decisions and Business Financing [in Greek]. Eleni Kiochou.</p> <p><u><i>- Related academic journals:</i></u><br/> Journal of Banking &amp; Finance<br/> International Journal of Banking, Accounting and Finance<br/> Journal of Applied Finance &amp; Banking</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# EXPERIMENTAL METHODS AND FIELD RESEARCH IN EDUCATION

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK35</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 2</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | EXPERIMENTAL METHODS AND FIELD RESEARCH IN EDUCATION                                                                        |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>If credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <p>How a study is designed</p> <ul style="list-style-type: none"> <li>• How to conduct qualitative and quantitative research</li> <li>• How to manage data</li> <li>• The methods used to analyse data                             <ul style="list-style-type: none"> <li>• The role of experiments in the social sciences</li> <li>• What cross-sectional and panel data are</li> <li>• The basic principles of machine learning</li> </ul> </li> </ul>                                                                                                                                  |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

Experimental Methods and Field Research in Education familiarises students with designing and conducting a study. It primarily presents the tools researchers use to design and conduct studies and analyse the data they collect. It covers qualitative and quantitative research, with particular emphasis on quantitative field research using questionnaires and the management of microdata.

#### CONTENTS

Lecture 1: Variables and Research Design

Lecture 2: Population, Sampling and Types of Research.

Lecture 3: Quantitative Research – Questionnaire Design

Lecture 4: Presentation and Analysis of Questionnaire-based Field Research Results – Part I

Lecture 5: Presentation and Analysis of Questionnaire-based Field Research Results – Part II

Lecture 6: Causality and Regression

Lecture 7: The Role of Experiments in the Social Sciences – Part I. Lecture 8:

The Role of Experiments in the Social Sciences – Part II. Lecture 9: Cross-sectional and Panel Data

Lecture 10: Basic Principles of Machine Learning

### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISTANCE LEARNING</b>                                                                                                                                          |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                        |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                 | <b>Activity</b>                                                                                                                                                   | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LECTURES                                                                                                                                                          | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STUDY                                                                                                                                                             | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Practise                                                                                                                                                          | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Exams                                                                                                                                                             | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course total                                                                                                                                                      | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on the final examination (100% of the grade).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

#### (4) ATTACHED BIBLIOGRAPHY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><u>- Suggested bibliography:</u></p> <p>Wooldridge, J. M. Introduction to Econometrics, Volumes A and B [Greek edition]. Papazisis. Gujarati, D. N., &amp; Porter, D. C. Econometrics: Principles and Applications [Greek edition]. Tziola. Stock, J. H., &amp; Watson, M. W. Introduction to Econometrics. Pearson.</p> <p><u>- Related academic journals:</u></p> <p>Quantitative Science Studies<br/> International Journal of Quantitative Research in Education<br/> International Journal of Quantitative Research and Modeling<br/> American Journal of Qualitative Research<br/> Qualitative Research Journal</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# ORGANISATIONAL BEHAVIOUR FOR EDUCATIONAL ORGANISATIONS

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK45</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 2</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | ORGANISATIONAL BEHAVIOUR FOR EDUCATIONAL ORGANISATIONS                                                                      |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| <i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>                                                                                                                                   |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

### Learning outcomes

The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.

Consult Appendix A

- Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area
- Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B
- Guidelines for writing Learning Outcomes

Upon completion of the course, students will be able to understand:

- Analyse the basic concepts and theories of organisational behaviour and their relationship to the effective operation of educational organisations.
- Interpret the effects of personality, emotional intelligence, attitudes and values on the behaviour of members of the educational community.
- Compare leadership styles and select motivational practices that strengthen collaboration and team work.
- Apply effective communication, conflict management and negotiation techniques in educational settings.
- Design interventions to improve organisational culture and climate, promote wellbeing and prevent work-related stress and burnout.
- Develop organisational change and digital transformation plans that incorporate continuous learning and development practices in educational organisations.

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility*

*and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

Organisational behaviour in education concerns how teachers, students and other members of the educational community interact in educational settings. It includes school leadership and administration, teacher–student interaction, classroom and student behaviour management, and the development and implementation of institutional policies and procedures. Effective organisational behaviour promotes a positive and healthy educational environment, encourages collaboration and interaction within the educational community, and contributes to achieving educational goals. It also affects the effectiveness of educational programmes and their impact on students' learning and development.

#### CONTENTS

- Introduction to Organisational Behaviour
- Personality and Emotional Intelligence
- From Influence to Leadership
- Leader Characteristics and Behavioural Styles
- Motivation
- Communication
- Conflict and Negotiation
- Organisational Change
- Stress, Burnout and Health
- Attitudes and Values
- Team Work
- Organisational Culture and Climate
- Digital Transformation and a Culture of Development in Educational Organisations

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISTANCE LEARNING</b>                                                                                                   |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                  | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b> |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i> | <b>Activity</b>                                                                                                            | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LECTURES                                                                                                                   | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STUDY                                                                                                                      | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Practise                                                                                                                   | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Exams                                                                                                                      | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course total                                                                                                               | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i>                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Evaluation is based on the final examination (100% of the grade).</b>                                                   |                          |

*Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods*

*Specifically defined evaluation criteria are stated, together with whether and where students can access them.*

Evaluation criteria are communicated to students during the first lecture.

#### **(4) ATTACHED BIBLIOGRAPHY**

- Suggested bibliography:

Robbins, S. P., & Judge, T. A. (2023). Organizational Behavior (19th ed.). Pearson. pearson.com

McShane, S. L., & Von Glinow, M. A. (2024). Organizational Behavior: Emerging Knowledge, Global Reality (10th ed.). McGraw Hill. mheducation.com.sg

Uhl-Bien, M., Piccolo, R. F., & Schermerhorn, J. R., Jr. (2023). Organizational Behavior (3rd ed.). Wiley.

- Related academic journals:

- Journal of Organizational Behavior

- Organizational Behavior and Human Decision Processes

- The Leadership Quarterly

- Educational Management Administration & Leadership

## SEMESTER 3

### ELECTIVE COURSES

#### SPECIAL TOPICS IN ECONOMIC AND PUBLIC POLICY IN EDUCATION

##### (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK43                                                                                                                       | <b>SEMESTER</b>              | SEMESTER 3     |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | SPECIAL TOPICS IN ECONOMIC AND PUBLIC POLICY IN EDUCATION                                                                   |                              |                |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b> |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5            |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                |

##### (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <b>Upon completion of the course, students will be able to understand:</b> <ul style="list-style-type: none"> <li>• How teachers' pay, employment levels and qualifications are determined</li> <li>• How higher education expenditure is determined and the implications of its level</li> <li>• Student participation and policies for financing students' studies</li> </ul>                                                                                                                                                                                                                                                                               |

- The economics of student life and how students choose a university
- How education affects citizens' health
- The relationship between education and democracy
- How education affects individuals' decisions about committing crimes
- What behavioural economics is
- How behavioural economics can be applied in education

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility*

*and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course explores economic and public policy issues in education in greater depth. It continues and extends topics introduced in Economics of Education. It examines the implementation of economic and public policy in education generally and in higher education specifically. It analyses the determination of teachers' pay, employment levels and qualifications, highlighting significant and distinctive aspects of the labour market. It also covers the determination and effects of higher education expenditure, student participation and policies for financing students' studies. The lecture on the economics of student life examines how students choose universities, student–university matching, their course choices and the factors affecting university completion rates. Subsequent lectures examine the impact of education on citizens'

health, the relationship between education and democracy, and how education affects decisions about committing crimes. Finally, basic concepts of behavioural economics are presented and applied to education, highlighting the importance of factors such as psychology, alongside rationality and the maximisation of self-interest, in educational decision-making.

#### THEMATIC MODULES

1. Teachers' Labour Markets (Primary, Secondary and Higher Education)
2. Higher Education Participation, Student Financing Policies and Public Policy
3. Higher Education Expenditure and Public Policy
4. Market Analysis Issues in Higher Education
5. The Economics of Student Life: Admissions, Peer Effects and Graduation
6. Education and Health
7. Education, Democracy and Participation in Institutions
8. Education and Crime
9. Behavioural Economics in Education
10. Assignment Presentations

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                             |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>DISTANCE LEARNING</b>                                                                                                                                                    |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                              | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                                  |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i> | <b>Activity</b>                                                                                                                                                             | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LECTURES                                                                                                                                                                    | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | STUDY                                                                                                                                                                       | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Assignment                                                                                                                                                                  | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Examinations                                                                                                                                                                | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Course total                                                                                                                                                                | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i>                                                          | <b>Evaluation is based on the final examination (50%) and an assignment (50%).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

|                                                                                                                |  |
|----------------------------------------------------------------------------------------------------------------|--|
| Specifically defined evaluation criteria are stated, together with whether and where students can access them. |  |
|----------------------------------------------------------------------------------------------------------------|--|

#### (4) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

1. Psacharopoulos, George. Economics of Education [in Greek]. Papazisis.
2. Giannakopoulos, Nikolaos, & Demousis, Michalis. Economics of Education [in Greek]. Kallipos (<https://repository.kallipos.gr/handle/11419/3522>).
3. Hillman, A. L. (2013). Public Finance and Public Policy [Greek edition]. Papazisis.
4. Holcombe, R. C. (2019). Public Choice [Greek edition]. Pedio.
5. Checchi Daniele, The Economics of Education. Human Capital, Family Background and Inequality, Cambridge University Press
6. Geraint Johnes, The economics of education, Palgrave Macmillan
7. Kazuhiro Arai, The economics of education. An analysis of college-going behavior, Springer.
8. Robert-, K.-Toutkoushian and Michael- B.-Paulsen, Economics of Higher Education. Background, Concepts, and Applications, Springer.
9. Brewer, D.J., McEwan, P.J. 2010. Economics of Education, Elsevier.
10. Gary S. Becker, Human Capital. A theoretical and empirical analysis with special reference to education, The University of Chicago Press

- Related academic journals:

[Economic Policy Journal](#)  
[Economic Policy](#)  
[Journal of Economic Policy Reform](#)  
[Journal of Public Policy](#)  
[Public Policy and Administration](#)

# MANAGING EDUCATIONAL CHANGE

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK40                                                                                                                       | <b>SEMESTER</b>              | SEMESTER 3     |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | MANAGING EDUCATIONAL CHANGE                                                                                                 |                              |                |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b> |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5            |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |  |
| Upon completion of the course, students will be able to understand: <ul style="list-style-type: none"> <li>• Understand the content, objectives and dynamics of educational change</li> <li>• Design innovative practices within an educational programme</li> <li>• Understand the importance of educational change for the successful completion of an educational programme</li> </ul>                                                                                                                                                                                                                                                                     |  |
| <b>General Competences</b><br><i>Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?</i><br><div> Search for, analysis and synthesis of data and information, using the necessary technology<br/> Adapting to new situations </div> <div> Project planning and management<br/> Respect for diversity and multiculturalism<br/> Respect for the natural environment<br/> Showing social, professional and ethical responsibility </div>                                                                                              |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Decision-making</i><br><i>Working independently</i><br><i>Team work</i><br><i>Working in an international environment</i><br><i>Working in an interdisciplinary environment</i><br><i>Production of new research ideas</i>                                                                                                                                                                                                                                                                                                                  | <i>and sensitivity to gender issues</i><br><i>Criticism and self-criticism</i><br><i>Promotion of free, creative and inductive thinking</i><br>.....<br><i>Others...</i><br>..... |
| <ul style="list-style-type: none"> <li>• Search for, analysis and synthesis of data and information, using the necessary technology</li> <li>• Adapting to new situations</li> <li>• Decision-making</li> <li>• Team work</li> <li>• Working in an interdisciplinary environment</li> <li>• Project planning and management</li> <li>• Criticism and self-criticism</li> <li>• Production of new research ideas</li> <li>• Respect for diversity and multiculturalism</li> <li>• Promotion of free, creative and inductive thinking</li> </ul> |                                                                                                                                                                                   |

### (3) SYLLABUS

The course introduces participants to the management of educational change and its application in educational units. Like all organisations, educational organisations must evolve to remain sustainable, incorporating developments in science and technology while drawing on their comparative advantages, particularly their human resources. Among their other responsibilities, school leaders must guide staff and prepare them to recognise the value, necessity and suitability of proposed changes, increasing the prospects of success. Collaboration is a cornerstone of successful change, creating bonds of trust that support development and absorb disruption. Organisational development, changes in operations and radical transformation accelerate during crises, making rapid adaptation essential. Upon completion, participants will be able to apply many of the concepts taught in their workplace.

#### Course Content

THE NEED FOR CHANGE AND FACTORS AFFECTING CHANGE. PLANNING CHANGE  
CHANGES IN THE EDUCATIONAL ORGANISATION'S WORKPLACE.  
RESTRUCTURING EDUCATIONAL PROGRAMMES  
LEADERSHIP AND CRISIS MANAGEMENT.  
EFFECTIVENESS AND GOAL SETTING  
PROBLEMS AND PRACTICES IN MANAGING EDUCATIONAL CHANGE. MODELS OF EDUCATIONAL EFFECTIVENESS AND ARTIFICIAL INTELLIGENCE. EVALUATING EDUCATIONAL CHANGE  
INNOVATION AND PERSONALISED LEARNING

## TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                   |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISTANCE LEARNING</b>                                                                                                                          |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                        |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                 | <b>Activity</b>                                                                                                                                   | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LECTURES                                                                                                                                          | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STUDY                                                                                                                                             | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Assignment                                                                                                                                        | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                   |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course total                                                                                                                                      | 180                      |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on a group assignment (100%).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

## (4) ATTACHED BIBLIOGRAPHY

### - Suggested bibliography:

Change Management, School Effectiveness and Strategic Planning [in Greek] (2015). Ellin. ISBN 978-960-697-089-4.

### - Related academic journals:

Journal of Educational Change

Education as Change

International Journal of Changes in Education (IJCE)

# SOCIOECONOMIC DEVELOPMENT AND EDUCATION

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK44                                                                                                                       | <b>SEMESTER</b>              | <b>SEMESTER 3</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | SOCIOECONOMIC DEVELOPMENT AND EDUCATION                                                                                     |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br>Consult Appendix A <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• And understand the role of education in socioeconomic development</li> <li>• How education promotes economic growth</li> <li>• How education shapes individuals' attitudes and mindsets in society</li> <li>• How education promotes a sense of social responsibility</li> <li>• How education helps reduce social inequalities</li> <li>• The relationship between population and education</li> <li>• The role of higher education in the knowledge society</li> </ul>                                                                  |
| <b>General Competences</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The environment, individual wellbeing and employment constitute a country's development model. Discussions of poor and rich countries, respect for the natural environment and climate change often overlook the development model itself. A development model is reflected not only in economic indicators such as GDP, but also in socioeconomic indicators such as poverty rates, inequality and access to adequate sanitation. A country's development model is not predetermined; it depends on many factors and their interactions.

The course investigates the role of education in countries' socioeconomic development. Education is a fundamental human right and a key development goal. It also contributes to other important goals: promoting economic growth; modernising social attitudes and mindsets; increasing life expectancy and improving health; political socialisation; promoting social responsibility; reducing social and gender inequality; increasing social mobility; and personal development and emancipation.

The modules examined in this course are:

1. Basic Principles and Concepts of Economic Development (The State of Development, Measurement Methods and Development Indicators).
2. Development and Human Wellbeing (Poverty, Vulnerability, Inequality and Injustice).
3. Explaining Development (Classical Theories of Economic Development and Contemporary Models of Development and Underdevelopment).
4. Human Capital, Technology and Development (How Education, Technology and Health Affect Development).
5. The Relationship between Population, Education and Socioeconomic Development.
6. Education, Population Movements (Migration) and Development.
7. Theories of Education's Contribution to Economic Development and Indicators of Educational Development.

8. Educational Performance in Developed and Developing Countries.
9. Problems and Challenges of Contemporary Educational Policy.
10. The Role of Higher Education in the Knowledge Economy.

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                  |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DISTANCE LEARNING</b>                                                                                                                                                         |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                                       |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                                                                                  | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                                                                         | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                  |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                                                                            | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Assignment                                                                                                                                                                       | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                  |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Examinations                                                                                                                                                                     | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                  |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                  |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                                                                                     | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on the final examination (50%) and a group assignment (50%).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

#### (4) ATTACHED BIBLIOGRAPHY

##### - Suggested bibliography:

1. Todaro, M. P., & Smith, S. C. (2022). Economic Development [Greek edition]. Tziola.
2. Taylor, J. E., & Lybbert, T. J. (2016). Development Economics [Greek edition]. Kritiki.
3. Gillis, M., Perkins, D. H., Roemer, M., & Snodgrass, D. R. (2011). Economics of Development [Greek edition]. Typothito – Giorgos Dardanos.
4. Szirmai, A., 2015, Socio-economic development, 2015, Cambridge University Press.

##### - Related academic journals:

Journal of International Development  
International Journal of Educational Development



# WRITING AN ACADEMIC TEXT: FROM THE PROPOSAL TO THE RESULTS

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | OEK41                                                                                                                       | <b>SEMESTER</b>              | SEMESTER 3     |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | WRITING AN ACADEMIC TEXT: FROM THE PROPOSAL TO THE RESULTS                                                                  |                              |                |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b> |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5            |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul> |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• Contemporary international research practices</li> <li>• How to write a standard academic article</li> <li>• How to present a standard academic article</li> <li>• How to conduct a literature review</li> <li>• How to conduct quantitative research</li> <li>• How to conduct qualitative research</li> <li>• How to communicate research results</li> </ul>                                                                                                                                                                                   |

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course has two objectives: to introduce students to educational research and contemporary international research practices, and to equip them with the knowledge required to present and write a standard academic article. These objectives are closely connected, and their relationship is highlighted throughout the course. By the end of the lectures, students are expected to be able to write and present a technically sound research proposal or article.

The course is self-contained and draws on a wide range of contemporary research articles selected by the instructor. The bibliography below is therefore indicative and included for completeness.

#### COURSE OUTLINE

1. The Nature of Research. The Scientific Method. Inductive, Abductive, Abstract and Deductive Reasoning.
2. Research Approaches. Quantitative, Qualitative, Theoretical and Experimental Research. Ex Post Facto Research. Field Research. Online Research.
3. Formulating a Research Question. Brainstorming. Literature Review. Identifying an Appropriate Research Method.
4. Literature Review. Searching for Sources. Evaluating References. The Internet. Extracting and Organising Information.
5. Hypotheses in Quantitative Research. Types of Hypotheses. Data Processing. Measures of Central Tendency, Correlation and Statistical Tests.
6. Questionnaire-based Research. Types and Techniques. Wording and Structure of Questions.
7. Understanding Qualitative Research. Research Characteristics and Design. Ethnographic, Narrative and Phenomenological Research. Analysis and Evaluation.
8. Action Research. Ethical Constraints. Data Collection, Analysis and Interpretation. Application in Education.

9. Communicating Results. Identifying an Appropriate Forum. Announcing and Presenting Results. Submitting Proposals and Progress Reports.
10. Writing an Academic Research Article. Standard Sections of an Academic Article. Presenting References: MLA and Chicago.
11. Final Examination.

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                             |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DISTANCE LEARNING</b>                                                                                                                                                    |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                                  |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i>                                                                     | <b>Activity</b>                                                                                                                                                             | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LECTURES                                                                                                                                                                    | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | STUDY                                                                                                                                                                       | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Assignment                                                                                                                                                                  | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Examinations                                                                                                                                                                | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course total                                                                                                                                                                | <b>183</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i><br><br><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i> | <b>Evaluation is based on the final examination (50%) and an assignment (50%).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

#### (4) ATTACHED BIBLIOGRAPHY

##### - Suggested bibliography:

- LaPointe-Terosky A., Baker V.I., Sun J.C. (eds), A Practical Guide to Teaching Research Methods in Education (Lesson Plans and Advice from Faculty), Routledge, 2023.
- Ary D., Cheser-Jacobs L., Sorensen C., Razavieh A., Introduction to Research in Education, Wadsworth, 2010.
- Cohen L., Manion L., Morrison K. Research Methods In Education, Routledge, 2007.
- Scott D., Usher R., Researching Education, Continuum, USA 2011.

- Sherman R.R., Webb R.B., Qualitative Research in Education Focus and Methods, Taylor & Francis, 2005.

- Related academic journals:

International Journal of Research & Methods in Education

Behavior Research Methods

International Journal of Social Research Methodology

International Journal of Science and Research Methodology

Methodology. European Journal of Research Methods for the Behavioral and Social Sciences

# CRISIS MANAGEMENT IN EDUCATIONAL UNITS

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK47</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 3</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | CRISIS MANAGEMENT IN EDUCATIONAL UNITS                                                                                      |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>If credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul>                                                                                                                                                                                             |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>• Identify and classify different forms of crisis in the school environment, analysing their characteristics, causes and potential impacts.</li> <li>• Apply crisis management models and strategic leadership practices, drawing on team dynamics to coordinate the school community.</li> <li>• Develop crisis prevention, preparedness and response plans, defining responsibilities, intervention procedures and available resources.</li> <li>• Make evidence-based decisions under pressure and uncertainty, prioritising needs and managing time effectively.</li> <li>• Design crisis communication strategies, using digital media appropriately to inform and support collaboration among teachers, students and parents.</li> </ul> |

- Propose interventions to prevent and address workplace bullying in schools and evaluate crisis management policies through case studies.

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility*

*and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course takes a theoretical and practical approach to issues of crisis management in the school workplace. Understanding these issues enables postgraduate students to prepare for and respond effectively to different forms of crisis. Taught modules:

#### COURSE OUTLINE

1. What Is a Crisis? Types and Characteristics of Crises
2. Strategic Leadership and Crisis Leadership
3. Time Management
4. Handling Crises and Crisis Management Models
5. Decision-making during Crises
6. School Communication during a Crisis
7. Team Dynamics and Crisis Management in Schools
8. The Digital Era and Conditions for Effective Crisis Response in Schools
9. Bullying in the School Workplace
10. Developing Crisis Management Policy in Education – Studies

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                             |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISTANCE LEARNING</b>                                                                                                                                                    |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                  | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b>                                                  |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i> | <b>Activity</b>                                                                                                                                                             | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LECTURES                                                                                                                                                                    | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STUDY                                                                                                                                                                       | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Assignment                                                                                                                                                                  | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Examinations                                                                                                                                                                | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                             |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                             |                          |
| <b>STUDENT PERFORMANCE EVALUATION</b><br><i>Description of the evaluation procedure</i><br><br><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i>                                                          | <b>Course total</b> <b>183</b>                                                                                                                                              |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Evaluation is based on the final examination (50%) and an assignment (50%).</b><br><br><b>Evaluation criteria are communicated to students during the first lecture.</b> |                          |

|                                                                                                                |  |
|----------------------------------------------------------------------------------------------------------------|--|
| Specifically defined evaluation criteria are stated, together with whether and where students can access them. |  |
|----------------------------------------------------------------------------------------------------------------|--|

#### **(4) ATTACHED BIBLIOGRAPHY**

- Suggested bibliography:

Roth, J. C. (2023). School Crisis Response: Reflections of a Team Leader (2nd ed.). Routledge. J  
Coombs, W. T. (2023). Ongoing Crisis Communication: Planning, Managing, and Responding (6th ed.). SAGE Publications. WorldCat.org  
Boin, A., 't Hart, P., Stern, E., & Sundelius, B. (2016). The Politics of Crisis Management: Public Leadership under Pressure (2nd ed.). Cambridge University Press.

- Academic Journals

Journal of Contingencies and Crisis Management  
Risk, Hazards & Crisis in Public Policy  
Educational Management Administration & Leadership

# HUMAN RESOURCE SKILLS, LIFELONG LEARNING AND WORK

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK48</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 3</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | HUMAN RESOURCE SKILLS, LIFELONG LEARNING AND WORK                                                                           |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>If credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul>                                                                                                                              |
| <p>Upon completion of the course, students will be able to understand:</p> <ul style="list-style-type: none"> <li>- Interpret the relationship between formal and non-formal education, skills development, work organisation and the shaping of the production system.</li> <li>- Critically analyse the concept of skill and mismatches between education and work, considering the challenges of globalisation and the green and digital transitions.</li> <li>- Evaluate national and European lifelong learning policies in relation to employability, job quality and the reduction of inequality, exclusion and precariousness.</li> <li>- Interpret PIAAC assessment findings and critically examine the OECD's role in shaping policies for developing human resource skills.</li> </ul> |

- Compare and evaluate policy instruments such as Individual Learning Accounts, training vouchers and micro-credentials in terms of their contribution to linking education and work.
- Formulate evidence-based proposals for reskilling and upskilling, incorporating criteria for quality, equal access to learning and workers' social protection.

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility*

*and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course examines the multidimensional relationships and issues linking formal and non-formal education, work organisation and the shaping of the production system in the current context. It focuses on the role of learning and human resource skills development, particularly the challenges dominating the policy agenda: globalised economy and knowledge; the skills crisis; and the green and digital transitions. Work is changing and becoming deregulated, its quality is contested and precariousness is increasingly prominent. Participation in lifelong learning (LLL) remains limited, while debate on skills mismatches frames LLL as a policy space founded on soft governance and instrumental, individualistic principles. In this fluid context, LLL must support reskilling and upskilling for people who “take responsibility” for their employability, while also reducing inequality, exclusion and precariousness.

#### COURSE OUTLINE

1. Introduction to the Field: Basic Conceptual Definitions
2. Exploring the Concept of Skill – Critical Approaches
3. Lifelong Learning and Work: Analysing the “Asymptote of a Relationship”
4. Quality in Lifelong Learning and Work
5. National and European Policies for Skills Development and the Promotion of Lifelong Learning
6. The OECD's Role in Promoting Human Resource Skills Policies: Examining the Large-scale PIAAC Assessment
7. Policy Instruments to Support Employment and Link Education and Work (I): Individual Learning Schemes (Individual Learning Accounts and Vouchers)
8. Policy Instruments to Support Employment and Link Education and Work (II): Micro-credentials

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISTANCE LEARNING</b>                                                                                                   |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                                                  | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b> |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to the principles of ECTS</i> | <b>Activity</b>                                                                                                            | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LECTURES                                                                                                                   | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | STUDY                                                                                                                      | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Assignment                                                                                                                 | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Examinations                                                                                                               | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course total                                                                                                               | <b>183</b>               |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                      |
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| <p><b>STUDENT PERFORMANCE EVALUATION</b></p> <p><i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i></p> <p><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i></p> | <p>Evaluation is based on the final examination (50%) and an assignment (50%).</p> <p>Evaluation criteria are communicated to students during the first lecture.</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### (4) ATTACHED BIBLIOGRAPHY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>- <u>Suggested bibliography:</u></p> <ol style="list-style-type: none"> <li>1. Warhurst, C., Mayhew, K., Finegold, D., &amp; Buchanan, J. (Eds.). (2017). The Oxford Handbook of Skills and Training. Oxford University Press. academic.oup.com</li> <li>2. Brown, P., Lauder, H., &amp; Cheung, S. Y. (2020). The Death of Human Capital? Its Failed Promise and How to Renew It in an Age of Disruption. Oxford University Press</li> </ol> <p>- <u>Academic Journals</u></p> <ol style="list-style-type: none"> <li>1. International Journal of Lifelong Education</li> <li>2. Studies in Continuing Education Journal</li> <li>3. Journal of Education and Work</li> </ol> |
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# ARTIFICIAL INTELLIGENCE IN EDUCATION

## (1) GENERAL

|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|
| <b>SCHOOL</b>                                                                                                                                                                                                                                              | SCHOOL OF ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES                                                                     |                              |                   |
| <b>ACADEMIC UNIT</b>                                                                                                                                                                                                                                       | DEPARTMENT OF ECONOMICS                                                                                                     |                              |                   |
| <b>LEVEL OF STUDIES</b>                                                                                                                                                                                                                                    | POSTGRADUATE                                                                                                                |                              |                   |
| <b>COURSE CODE</b>                                                                                                                                                                                                                                         | <b>OEK49</b>                                                                                                                | <b>SEMESTER</b>              | <b>SEMESTER 3</b> |
| <b>COURSE TITLE</b>                                                                                                                                                                                                                                        | ARTIFICIAL INTELLIGENCE IN EDUCATION                                                                                        |                              |                   |
| <b>INDEPENDENT TEACHING ACTIVITIES</b><br><i>If credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If credits are awarded for the whole course, give the weekly teaching hours and the total credits</i> |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b>    |
|                                                                                                                                                                                                                                                            |                                                                                                                             | 3                            | 7,5               |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
|                                                                                                                                                                                                                                                            |                                                                                                                             |                              |                   |
| Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).                                                                                                                                          |                                                                                                                             |                              |                   |
| <b>COURSE TYPE</b><br><i>general background, special background, specialised general knowledge, skills development</i>                                                                                                                                     | Specialisation – Elective                                                                                                   |                              |                   |
| <b>PREREQUISITE COURSES:</b>                                                                                                                                                                                                                               |                                                                                                                             |                              |                   |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>                                                                                                                                                                                                           | GREEK                                                                                                                       |                              |                   |
| <b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>                                                                                                                                                                                                           | NO                                                                                                                          |                              |                   |
| <b>COURSE WEBSITE (URL)</b>                                                                                                                                                                                                                                | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                   |

## (2) LEARNING OUTCOMES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Learning outcomes</b><br><i>The course learning outcomes, including the specific knowledge, skills and competences of an appropriate level that students will acquire upon successful completion of the course, are described.</i><br><i>Consult Appendix A</i> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul>                                                                                                                                                                                                                                                                                                                                                                 |
| <p>Upon completion of the course, students will be able to understand:</p> <ol style="list-style-type: none"> <li>1. Explain the basic concepts and operation of generative artificial intelligence and large language models, recognising their capabilities, limitations and risks.</li> <li>2. Critically evaluate AI-generated content, checking its accuracy, supporting evidence and potential biases, and applying human oversight practices.</li> <li>3. Design and refine effective prompts tailored to specific educational objectives and needs.</li> <li>4. Create educational scenarios, materials and activities for teaching, assessment and feedback with AI support, incorporating principles of differentiated instruction.</li> <li>5. Use AI tools to support administrative processes and decision-making in educational organisations, assessing their suitability and maintaining human control.</li> <li>6. Develop responsible AI use policies for schools and universities, considering ethics,</li> </ol> |

privacy, data protection, academic integrity and the European regulatory framework.

### General Competences

*Taking into consideration the general competences that graduates must acquire (as listed in the Diploma Supplement and below), which of these does the course aim to develop?*

*Search for, analysis and synthesis of data and information, using the necessary technology*

*Adapting to new situations*

*Decision-making*

*Working independently*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Production of new research ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Respect for the natural environment*

*Showing social, professional and ethical responsibility*

*and sensitivity to gender issues*

*Criticism and self-criticism*

*Promotion of free, creative and inductive thinking*

*.....*

*Others...*

*.....*

- Search for, analysis and synthesis of data and information, using the necessary technology
- Adapting to new situations
- Decision-making
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Criticism and self-criticism
- Production of new research ideas
- Respect for diversity and multiculturalism
- Promotion of free, creative and inductive thinking

### (3) SYLLABUS

The course introduces artificial intelligence (AI) in education, develops a systematic understanding of it and supports its pedagogically responsible use. It is intended for students who do not necessarily have prior technical experience with AI but wish to understand how contemporary generative AI applications and large language models (LLMs) affect teaching, learning, assessment, educational administration and educational policymaking.

The course begins with basic concepts, opportunities and risks of AI in education, aiming to demystify the technology and develop a critical stance towards it. It then explains the operation of large language models and generative AI in a simple, accessible way, emphasising data, models, probabilities, limitations, inaccuracies and the need for human oversight.

Particular emphasis is placed on AI literacy: teachers' and learners' ability to use these tools safely, responsibly and critically, with awareness of their limitations. Prompt engineering—the design of effective instructions or prompts—is examined as a practical skill for educational practice, alongside the use of AI to design lessons, activities, teaching materials and differentiated instruction.

The course also examines AI's implications for assessment, feedback and academic integrity, and its potential for educational administration, reducing administrative workload and supporting decision-making. It analyses ethics, privacy, bias, data protection and the European regulatory framework. Finally, students become familiar with developing responsible AI use policies and complete a workshop in which they design a small AI-enhanced educational scenario.

#### COURSE OUTLINE

1. Introduction to AI in Education: Basic Concepts, Opportunities and Risks
2. How LLMs and Generative AI Work: Data, Models, Probabilities and Limitations
3. AI Literacy for Teachers and Students: Critical Use, Source Evaluation and Metacognition
4. Prompt Engineering for Educational Practice: Design, Examples and Iterative Improvement
5. Lesson and Material Design with AI: Objectives, Activities and Differentiation
6. Assessment, Feedback and Academic Integrity in the AI Era
7. Educational Administration, Workload and Decision Support with AI
8. Ethics, Privacy, Bias and the European Regulatory Framework
9. School and University Policies for Responsible AI Use
10. Practical Workshop: Designing a Small AI-enhanced Educational Scenario

#### TEACHING and LEARNING METHODS – EVALUATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                            |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b><br><i>Face-to-face, distance learning, etc.</i>                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>DISTANCE LEARNING</b>                                                                                                   |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b><br><i>Use of ICT in teaching, laboratory education and communication with students</i>                                                                                                                                                                                                                                                                                                                                       | <b>Use of ICT in teaching. Use of Teams for lectures</b><br><b>Use of e-class to upload teaching and research material</b> |                          |
| <b>TEACHING METHODS</b><br><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements (internships), clinical practice, art workshops, interactive teaching, educational visits, projects and essay writing, artistic creativity, etc.</i><br><i>Students' study hours for each learning activity and their hours of independent study are stated according to</i> | <b>Activity</b>                                                                                                            | <b>Semester workload</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LECTURES                                                                                                                   | 30                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | STUDY                                                                                                                      | 90                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Assignment                                                                                                                 | 60                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Examinations                                                                                                               | 3                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                            |                          |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                      |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| the principles of ECTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Course total                                                                                                                                                         | 183 |
| <p><b>STUDENT PERFORMANCE EVALUATION</b></p> <p><i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation; evaluation methods; formative or summative assessment; multiple-choice questionnaires; short-answer questions; essay questions; problem solving; written assignments; essays/reports; oral examinations; public presentations; laboratory work; clinical examination of patients; artistic interpretation; other methods</i></p> <p><i>Specifically defined evaluation criteria are stated, together with whether and where students can access them.</i></p> | <p>Evaluation is based on the final examination (50%) and an assignment (50%).</p> <p>Evaluation criteria are communicated to students during the first lecture.</p> |     |

#### (4) ATTACHED BIBLIOGRAPHY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>- <u>Suggested bibliography:</u></p> <ol style="list-style-type: none"> <li>1. Bowen, J. A., &amp; Watson, C. E. (2025). Teaching with AI: A Practical Guide to a New Era of Human Learning (2nd ed.). Johns Hopkins University Press. Hopkins Press</li> <li>2. Luckin, R., George, K., &amp; Cukurova, M. (2022). AI for School Teachers. CRC Press.</li> </ol> <p>- <u>Academic Journals</u></p> <ol style="list-style-type: none"> <li>1. International Journal of Artificial Intelligence in Education <a href="https://link.springer.com">link.springer.com</a></li> <li>2. Computers and Education: Artificial Intelligence ScienceDirect</li> <li>3. British Journal of Educational Technology</li> </ol> |
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# MASTER'S THESIS

## (1) GENERAL

|                                                  |                                                                                                                             |                              |                |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|
| <b>SCHOOL</b>                                    | School of Economics, Business and International Studies                                                                     |                              |                |
| <b>ACADEMIC UNIT</b>                             | Department of Economics                                                                                                     |                              |                |
| <b>LEVEL OF STUDIES</b>                          | Postgraduate (MSc in Economics of Education and Management of Educational Units)                                            |                              |                |
| <b>COURSE CODE</b>                               | <b>ERG-1</b>                                                                                                                | <b>SEMESTER</b>              | <b>3rd</b>     |
| <b>COURSE TITLE</b>                              | MASTER'S THESIS                                                                                                             |                              |                |
| <b>INDEPENDENT TEACHING ACTIVITIES</b>           |                                                                                                                             | <b>WEEKLY TEACHING HOURS</b> | <b>CREDITS</b> |
| Preparation of the Master's Thesis               |                                                                                                                             | -                            | 30             |
| <b>COURSE TYPE</b>                               | Specialisation                                                                                                              |                              |                |
| <b>PREREQUISITE COURSES:</b>                     | -                                                                                                                           |                              |                |
| <b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b> | Greek or English                                                                                                            |                              |                |
| <b>IS THE COURSE OFFERED TO STUDENTS ERASMUS</b> | -                                                                                                                           |                              |                |
| <b>COURSE WEBSITE (URL)</b>                      | <a href="https://www.msc-econedu.gr/programma/programma-spoudon">https://www.msc-econedu.gr/programma/programma-spoudon</a> |                              |                |

## (2) LEARNING OUTCOMES

### Learning outcomes

Upon completion of their master's thesis, students will be able to:

1. Formulate clear research questions and objectives, identifying the study's significance and contribution to the academic field.
2. Search for, critically evaluate and synthesise academic literature to develop the theoretical framework of their research.
3. Select and apply appropriate research methods and analytical techniques while observing principles of research ethics.
4. Interpret findings, formulate evidence-based conclusions and recommendations, and identify limitations and opportunities for further research.
5. Write, present and defend a scientifically substantiated thesis, observing principles of academic writing, correct referencing and academic integrity.

The master's thesis develops postgraduate students' critical thinking through studies and applied research on topics directly related to the programme's subject area. It is the culmination of the programme and demonstrates students' academic specialisation.

Specifically, the master's thesis aims to:

- (i) Develop students' specialisation in the field in which they conduct their research,
- (ii) Deepen their research thinking and methodological knowledge, and
- (iii) Apply the knowledge acquired during their courses. Having consolidated theoretical knowledge in the programme's subject area, students set out to investigate a situation or problem in depth, review existing knowledge, generate innovation and intervention through their research, or interpret an existing or new event or phenomenon.

Upon successful completion of the thesis, postgraduate students will be able to conduct basic and applied research and develop and advance knowledge in data analytics. Successful completion demonstrates that the postgraduate

student: (a) has an in-depth understanding of the topic; (b) shows originality of thought; (c) is proficient in using theoretical models, methodologies, practices and tools to analyse and synthesise the topic; and (d) communicates with exceptional clarity, focus and persuasiveness.

**Upon successful completion of the thesis, students will be able to:**

1. Describe and analyse a problem or issue thoroughly.
2. Select and design the theoretical and practical/research approach through which they will analyse and address the problem or issue.
3. Make comprehensive use of the relevant bibliography and academic articles.
4. Synthesise findings from the literature with the actual conditions in which the problem or issue arises, and interpret them in that context.
5. Critically assess interpretations to develop a new framework for addressing the problem or issue.
6. Formulate sound conclusions and evidence-based recommendations for addressing the problem or issue.
7. Manage information and data to formulate recommendations and make decisions under uncertainty.
8. Assess developments in research within their field of interest and develop corresponding frameworks, adapting them to the specific requirements of their workplace.
9. Know how to write an academic essay.
10. Suggest directions for future academic research.
11. Successfully deliver a comprehensive presentation using ICT.
12. Possess the learning skills required to continue their studies independently or autonomously.

**General Competences**

1. Search for, analysis and synthesis of data and information, using the necessary technology
2. Adapting to new situations
3. Decision-making
4. Working independently
5. Production of new research ideas
6. Project planning and management
7. Promotion of free, creative and inductive thinking

**(3) SYLLABUS**

The master's thesis primarily develops postgraduate students' ability to address complex problems in economic analysis and the management of educational units, work with academic knowledge and sources, and present their work accurately and effectively in writing and orally. It is an extensive project completed at the end of the programme, after students have acquired and assimilated the required basic and advanced knowledge. As a synthesis of their learning, its main objective is to consolidate their ability to combine acquired knowledge in addressing complex problems and applications.

The master's thesis is particularly important. Students are encouraged to work on original topics of research interest at the forefront of the economics of education and the management of educational units. Through this work, they learn to define problems precisely, identify and use relevant research by other scholars, develop strategies for solving problems and implementing solutions, work independently while drawing on experienced and knowledgeable people, take initiative and organise their efforts efficiently.

The thesis is often the only work graduates can present at the

start of their professional career. It should therefore be as high-quality and comprehensive as possible and reflect the effort invested in completing it.

#### **Indicative Outline and Timeline**

- **Weeks 1–3: Introduction.** Brief description and definition of the topic. Its significance and academic interest. A concise account of research directions identified in the international literature. The central idea, main research focus and methods adopted. Specific objectives, expected contribution and thesis structure.
- **Weeks 4–7: Detailed description of the subject.** Main discussion of the related topics, supported by references. Division into subsections and paragraphs with a common conceptual focus is recommended to facilitate examination of the specific aspects investigated.
- **Weeks 8–10: Methodological approach.** Discussion of methodological developments and areas of application based on the literature review and theoretical framework. Detailed presentation of the methodological approach adopted.
- **Weeks 11–12: Results and conclusions. Data and assumptions.** Structured presentation and discussion of results. Summary of the subject and objectives. Synthesised and critical presentation of findings. Discussion of problems encountered and how they were addressed. Emphasis on the thesis's innovative elements and contribution.
- **Week 13: Directions for future research and references.**

#### **(4) TEACHING and LEARNING METHODS – EVALUATION**

|                                                         |                                                                                                                                                                                                                                                      |                          |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DELIVERY</b>                                         | Face-to-face supervision by the supervisor and distance supervision when required                                                                                                                                                                    |                          |
| <b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b> | <ul style="list-style-type: none"> <li>• Use of appropriate technologies for communication between the student and supervisor</li> <li>• Use of statistical/econometric data analysis packages</li> </ul>                                            |                          |
| <b>TEACHING METHODS</b>                                 | <b>Activity</b>                                                                                                                                                                                                                                      | <b>Semester workload</b> |
|                                                         | Study and analysis of bibliography                                                                                                                                                                                                                   | 300                      |
|                                                         | Data collection and processing                                                                                                                                                                                                                       | 300                      |
|                                                         | Writing and presentation                                                                                                                                                                                                                             | 150                      |
|                                                         | <b>Course total (25–30 hours of workload per credit)</b>                                                                                                                                                                                             | <b>750</b>               |
| <b>STUDENT PERFORMANCE EVALUATION</b>                   | <p>Presentation of the thesis and final examination by the three-member committee. The examination includes evaluation of the submitted thesis and the student's presentation.</p> <p>Thesis grading is based on evaluation of the research, the</p> |                          |

|  |                                                                                                                                                                                                                                          |
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|  | scientific methodology used to obtain results, the literature review and the usefulness of findings. The written and oral presentation and the postgraduate student's answers to questions following the presentation are also assessed. |
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**(5) ATTACHED BIBLIOGRAPHY**

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| Depending on the thesis topic. |
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