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| <b>COURSE: Economics of Education</b> |                  |                  |
| <b>DEGREE: Economics</b>              | <b>YEAR: 4rd</b> | <b>TERM: 2nd</b> |

| <b>WEEKLY PLANNING</b> |         |  |          |         |  |   |             |                            |
|------------------------|---------|--|----------|---------|--|---|-------------|----------------------------|
| WEEK                   | SESSION | DESCRIPTION  | GROUPS   |         | Special room for session (computer classroom, audio-visual classroom...) | WEEKLY PROGRAMMING FOR STUDENT  |             |                            |
|                        |         |  | LECTURES | SEMINAR |  | DESCRIPTION   | CLASS HOURS | HOMEWORK HOURS Maximum 7 H |
| 1                      | 1       | Introduction. Topics to be studied in Economics of Education.<br>Indicators in education: gross and net enrollment rates; measures of Investment in education and human capital stock. International indicators.<br>Human capital and economic growth. | X        |         |  | Reading assignments.<br>Solving the problem sets.                         | 1,5         | 5                          |
| 1                      | 2       | Organizing practical sessions and presentations.<br>Exercises on indicators.   |          | X       |  | Solutions and discussions of problems and/or assigned projects and works  | 1,5         |                            |
| 2                      | 3       | Human capital theory. Implications. Theory of signaling.   | X        |         |  | Reading assignments.<br>Solving the problem sets.                         | 1,5         | 5                          |
| 2                      | 4       | Exercises on theories of demand for education (I).   |          | X       |  | Solutions and discussions of problems and/or assigned works and projects. | 1,5         |                            |
| 3                      | 5       | Consumption model and mixed model. Contrasts of different theories   | X        |         |  | Reading assignments.<br>Solving the problem sets.                         | 1,5         |                            |

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|   |    |  |   |   |  |  |     | 5 |
| 3 | 6  | Exercises on theories of demand for education (II).  |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5 |   |
| 4 | 7  | Mincer's wage equations. Estimation of the returns: methods, main findings in the empirical literature.  | X |   |  | Reading assignments.<br>Solving the problem sets.                        | 1,5 | 5 |
| 4 | 8  | Students presentations. Empirical implications of demand models. Determinants of demand: the importance of socioeconomic background and the effects of unemployment. |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5 |   |
| 5 | 9  | Problems in estimating the returns to education (bias), and possible solutions.  | X |   |  | Reading assignments.<br>Solving the problem sets.                        | 1,5 | 5 |
| 5 | 10 | Exercises on estimation of returns to education.<br><br>Student presentations.<br>Over-education.  |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5 |   |
| 6 | 11 | More on estimation of returns to education and exercises.<br>Effect on the probability of unemployment.  | X |   |  | Reading assignments.<br>Solving the problem sets.                        | 1,5 | 5 |
| 6 | 12 | Students' presentations.   |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5 |   |
| 7 | 13 | Cost functions.<br>Expenses and education costs. Economies of scale and economies of scope.  | X |   |  | Reading assignments.<br>Solving the problem sets.                        | 1,5 | 5 |

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| 7  | 14 | Students' presentations: Data on costs and expenses of education.<br><br>Exercises on education costs.  |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5 |   |
| 8  | 15 | Exercises on education costs.<br>Introduction to the topic education production.<br>Definition and measurement of inputs and outputs.<br>International indicators.                                  | X |   |  | Reading assignments.<br>Solving the problem sets.                        | 1,5 | 5 |
| 8  | 16 | Students' Presentations: indicators and measures of quality of education. Research on quality of education.   |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5 |   |
| 9  | 17 | Estimation of Equations on academic performance.<br>Exercises.  | X |   |  | Reading assignments.<br>Solving the problem sets.                        | 1,5 | 5 |
| 9  | 18 | Students' Presentations: indicators and works on the quality of education.  |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5 |   |
| 10 | 19 | The quality of education and its determinants. The impact of the Coleman report and subsequent literature. Applications: effects of group size, 'peer effects', quality of education centers, etc.. | X |   |  | Reading assignments.<br>Solving the problem sets.                        | 1,5 | 5 |
| 10 | 20 | Students' presentations: effects of various inputs on the quality of education.   |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5 |   |
| 11 | 21 | Financing of compulsory education.  |   |   |  | Reading assignments.   | 1,5 |   |

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|                 |    | Reasons for government intervention in education. The local and public model.  | X |   |  | Solving the problem sets.  |           | 5                 |
| 11              | 22 | Students' presentations: effects of various inputs on the quality of education.  |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5       |                   |
| 12              | 23 | School vouchers: Models and Experiments. Subsidies to private schools. Efficiency and equity. The right of choosing of school.                           | X |   |  | Reading assignments. Solving the problem sets.                           | 1,5       | 5                 |
| 12              | 24 | Students' Presentations: school vouchers and other issues and data on financing of compulsory education.   |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5       |                   |
| 13              | 25 | Financing Higher Education. Equal Educational Opportunity. Fees, grants, loans and taxes.  | X |   |  | Reading assignments. Solving the problem sets.                           | 1,5       | 5                 |
| 13              | 26 | Students' Presentations: compulsory education and equality of opportunities in the access to higher education in Spain, or other issues related to this. |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5       |                   |
| 14              | 27 | Instruments of financing higher education compared. Experiences in some OECD countries. Financing public universities.                                   | X |   |  | Reading assignments. Solving the problem sets.                           | 1,5       | 5                 |
| 14              | 28 | Students' Presentations: Models of resource allocation to the universities. Evaluation, financing, incentives and their effects.                         |   | X |  | Solutions and discussions of problems and/or assigned projects and works | 1,5       |                   |
| <b>SUBTOTAL</b> |    |  |   |   |  |  | <b>42</b> | <b>+ 68 = 110</b> |
| 15              |    | Tutorials, handing in, etc   |   |   |  |  |           |                   |
| 16-             |    | Assessment   |   |   |  |  | 3         |                   |

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| 18           |  |  |  |  |  |  |  |            |
| <b>TOTAL</b> |  |  |  |  |  |  |  | <b>150</b> |