**Scheda insegnamento**

**Modulo di**

**“Economia dell’energia e dell’ambiente” / “Energy and environmental economics”**

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|  | **Italiano** | **English** |
| **Docente/Instructor** | Paolo Polinori | Paolo Polinori |
| **Titolo/Title** | **Economia dell’energia e dell’ambiente** | **Energy and environmental economics** |
| **Contenuti/Contents** | Domanda di energia ed esternalità.  Analisi della domanda ambientale  Valutazione delle preferenze ambientali.  Valutazione contingente: DAP DAP “per evitare” e DAA.  Metodo delle preferenze dichiarate e incertezza. | Energy demand and externalities. Environmental demand analysis. Valuing environmental preferences. Contingent valuation: WTP, WTP to avoid and WTA.  Stated preferences method and uncertainty |
| **Metodologia/Method** | * Analisi teoriche ed empiriche * Casi studi * Esercitazioni econometriche con Stata * Discussioni in classe e elaborati individuali | * Theoretical and empirical analysis * Case studies * Econometric exercise using Stata * Classroom discussions and individual workouts |
| **N. Ore/ N. hours** | **12** | **12** |
| **Mese/Month\*** | **Luglio** | **July** |
| **Curriculum** | E&I | E&I |
| **Testi di riferimento/ Suggested readings** | Henderson, JM., Quandt, RE., Microeconomic theory, 3rd ed., Economics Handbook Series. McGraw-Hill, N.Y., 1980.  Bigerna, S., Polinori, P., The economic valuation of green electricity *-SpringerBriefs in Environmental Science-* Springer Netherlands, 2019.  Mitchell, RC., Carson, RT. Using surveys to value public goods. Resources to the future, Washington D.C., 1989.  Bigerna, S., Polinori, P. Italian households’ willingness to pay for green electricity. Renewable and Sustainable. Energy Review. 2014, 34, 110–121  Bigerna, S., Polinori, P. Assessing the Determinants of Renewable Electricity Acceptance Integrating Meta-Analysis Regression and a Local Comprehensive Survey. Sustainability 2015 7(9) 11909-32.  Polinori, P. Wind energy deployment in wind farm aging context. Appraising an onshore wind farm enlargement project: A contingent valuation study in the Center of Italy. Energy Economics. 2019, 79, 206-220.  Materiale didattico su: Contingent valuation and Welfare analysis using Stata | Henderson, JM., Quandt, RE., Microeconomic theory, 3rd ed., Economics Handbook Series. McGraw-Hill, N.Y., 1980.  Bigerna, S., Polinori, P., The economic valuation of green electricity *-SpringerBriefs in Environmental Science-* Springer Netherlands, 2019.  Mitchell, RC., Carson, RT. Using surveys to value public goods. Resources to the future, Washington D.C., 1989.  Bigerna, S., Polinori, P. Italian households’ willingness to pay for green electricity. Renewable and Sustainable. Energy Review. 2014, 34, 110–121  Bigerna, S., Polinori, P. Assessing the Determinants of Renewable Electricity Acceptance Integrating Meta-Analysis Regression and a Local Comprehensive Survey. Sustainability 2015 7(9) 11909-32.  Polinori, P. Wind energy deployment in wind farm aging context. Appraising an onshore wind farm enlargement project: A contingent valuation study in the Center of Italy. Energy Economics. 2019, 79, 206-220.  Teacher material on: Contingent valuation and Welfare analysis using Stata |

\* For details, please, refer to the calendar available at <http://dottorato.ec.unipg.it/it/>