**Scheda insegnamento**

**Modulo di “Teoria dei giochi” / “Game theory”**

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|  | **Italiano** | **English** |
| **Docente/Instructor**  | Davide Petturiti | Davide Petturiti |
| **Titolo/Title**  | Teoria dei giochi | Game theory |
| **Contenuti/Contents** | The course will be given in English, covering the main features of: * Non-cooperative strategic games.
* Non-cooperative extensive-form games.
* Evolutionary games.
* Cooperative games.
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* Non-cooperative extensive-form games.
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* Cooperative games.
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| **Metodologia/Method** | * Analisi teorica
* Discussione di papers
* Discussioni in classe o realizzazione lavori individuali
 | * Theoretical analysis
* Discussion of scientific papers
* In class discussion or individual assignments
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| **N. Ore/ N. hours** | **12** | **12** |
| **Mese/Month\*** | **Febbruary/March** | **Febbruary/March** |
| **Curriculum** | - QME | - QME |
| **Testi di riferimento/ Suggested readings** | R.B. Myerson. Game Theory: Analysis of Conflict. Harvard University Press, 1997.J.N. Webb. Game Theory: Decisions, Interaction and Evolution. Springer, 2007.R.J. Osborne and A. Rubinstein. A Course in Game Theory. MIT Press, 1994.R. Gibbons. Game Theory for Applied Economists. Princeton University Press, 1992.Lecture notes and research articles will be provided during the course if needed. | R.B. Myerson. Game Theory: Analysis of Conflict. Harvard University Press, 1997.J.N. Webb. Game Theory: Decisions, Interaction and Evolution. Springer, 2007.R.J. Osborne and A. Rubinstein. A Course in Game Theory. MIT Press, 1994.R. Gibbons. Game Theory for Applied Economists. Princeton University Press, 1992.Lecture notes and research articles will be provided during the course if needed. |

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