**Scheda insegnamento**

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

|  |  |  |
| --- | --- | --- |
|  | **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. | 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. |
| **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 |
| **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/>