**Course Syllabus**

 Academic year: **2020-2021**

|  |  |
| --- | --- |
| Institution | University of Petroşani |
| Faculty | Science |
| Field of study | Management |
| Level | Master’s degree |
| Program of study | Strategic Business Management |

|  |  |
| --- | --- |
| Course | **Strategic games and decision optimization** |
| Code | MN.MSA.O.3.03 |
| Year of study (semester) | II (I) |
| Number of hours | 42 |
| Number of credits | 6 |
| Professor | lecturer, Ph.D. STOIAN Sorin Mirel |

|  |  |
| --- | --- |
| **No.** | **Topic** |
|  | Strategic Games - General Notions.  |
|  | Static games in Complete information |
|  | Perfect-information Games |
|  | Dynamic games in imperfect information |
|  | Repeated games |
|  | Static games in Incomplete information |
|  | Wald, Neumann and Harcwitz solutions, simple strategies, mixed strategies, maximum criterion, maximum criterion, minimum criterion, investment game, control game, game bankruptcy, market entry, negotiation |