**Course Syllabus**

Academic year: **2020-2021**

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

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| 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 |

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| **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 |