

Master of Science
Internet Systems Engineering
– Taught in Romanian –

Curriculum

| Code | Course | Sem | C | S | L | P | CP | Evaluation |
|-------------------|--|-----------|---|---|-----------|-----------|-----------|------------|
| UPB.03.M1.O.06-01 | Advanced graphics programming techniques | I | 2 | | 2 | | 5 | E |
| UPB.03.M1.O.06-02 | Adaptive and collaborative systems | I | 2 | | | 2 | 5 | E |
| UPB.03.M1.O.06-03 | Knowledge representation | I | 2 | | 2 | | 5 | E |
| UPB.03.M1.A.06-04 | Elective course | I | 2 | | 2 | | 5 | E |
| | Total teaching hours: 16h | | 8 | | 6 | 2 | 20 | |
| UPB.03.M1.O.06-05 | Research activities: 12h | I | | | | 12 | 10 | P |
| | TOTAL | | | | 28 | | 30 | |
| UPB.03.M2.O.06-06 | Multi-agent systems | II | 2 | | 2 | | 5 | E |
| UPB.03.M2.O.06-07 | Semantic Web applications | II | 2 | | 2 | | 5 | E |
| UPB.03.M2.O.06-08 | Distributed processing on Internet | II | 2 | | | 2 | 5 | E |
| UPB.03.M2.A.06-09 | Elective course | II | 2 | | 2 | | 5 | E |
| | Total teaching hours: 16h | | 8 | | 6 | 2 | 20 | |
| UPB.03.M2.O.06-10 | Research activities: 12h | II | | | | 12 | 10 | P |
| | TOTAL | | | | 28 | | 30 | |
| UPB.03.M3.O.06-11 | Security in Informatics | III | 2 | | 2 | | 5 | E |
| UPB.03.M3.O.06-12 | Information retrieval systems | III | 2 | | | 2 | 5 | V |
| UPB.03.M3.A.06-13 | Elective course | III | 2 | | 2 | | 5 | E |
| UPB.03.M3.A.06-14 | Elective course | III | 2 | | 2 | | 5 | E |
| | Total teaching hours: 16h | | 8 | | 6 | 2 | 20 | |
| UPB.03.M3.O.06-15 | Research activities: 12h | III | | | | 12 | 10 | P |
| | TOTAL | | | | 28 | | 30 | |
| | Total teaching hours: 0h | IV | | | | | | |
| UPB.03.M4.O.06-16 | M.Sc. thesis preparation | IV | | | | 12 | 12 | P/NP |
| UPB.03.M4.O.06-17 | Research activities: 16h | IV | | | | 16 | 18 | P |
| | Total | | | | | 28 | 30 | |

Evaluation: E-exam with grading; V-verification during the semester with grading;
P- project with grading. The grading scale is 1-10.
P/NP – verification during the semester with P (Passed) or NP (Not passed) grade.

Program coordinator
Prof. dr. ing. Stefan Trausan-Matu

Dean
Prof. Adina Magda Florea