UNIVERSITATEA TEHNICA CLUJ-NAPOCA

FACULTATE FACULTATEA DE AUTOMATICA SI CALCULATOARE

DOMENIU INGINERIA SISTEMELOR

SPECIALIZARE SISTEME CYBER FIZICE (LB.ENGL.)

Nivel de studii MASTER (DE CERCETARE) PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR 2024-2025 Pag. 2

| PLAN DE INVATAMANT PENTRU ANUL UNIVERSIT | | | | | | | | | | 13117 | 411 ZOZ-7 ZO | | | | | | | | |
|---|--------|-----------|---------|-------|-------------|----|-------|-----------|-----|-------------|---------------------------------------|-------|-----|-----|------------|------------------------|------------|-----|--------|
| | Anul : | | | | | II | | | | | Forma de verificare Nr.ore/disciplina | | | | | Credite/sem Disciplina | | | iplina |
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| 13.00 Dependability of Cyber-Physical Systems | 2 | 0 | 1 | 0 | 0 | | | | | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DA | DI |
| 14.00 Reinforcement Learning | 2 | 0 | 1 | 0 | 0 | | | | | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DS | DI |
| 15.00 Human-Robot Interaction | 2 | 0 | 1 | 0 | 0 | | | | | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DA | DI |
| 16.10 Emerging Control Systems for Industry 5.0 | 2 | 0 | 1 | 0 | 0 | | | | | | Nota | 100 | 28 | 14 | 58 | 4.0 | İ | DA | DO |
| 16.20 IoT for Home Automation | 2 | 0 | 1 | 0 | 0 | | | | | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DA | DO |
| 17.00 Ethics and Academic Integrity | 1 | 0 | 0 | 0 | 0 | | | | | | Nota | 50 | 14 | 0 | 36 | 2.0 | | DC | DI |
| 18.00 Project Cyber-Physical Systems 3 | 0 | 0 | 0 | 2 | 0 | | | | | | Nota | 100 | 0 | 28 | 72 | 4.0 | | DS | DO |
| 19.00 Research Cyber-Physical Systems 3 | 0 | 0 | 0 | 0 | 13 | | | | | | A/R | 200 | 0 | 0 | 200 | 8.0 | | DS | DI |
| 20.00 Research Practice | | | | | | 0 | 0 | 0 | 0 | 14 | A/R | 250 | 0 | 196 | 54 | | 10.0 | DS | DI |
| 21.00 Field Specific Research for the Master Thesis | | | | | | 0 | 0 | 0 | 0 | 7 | A/R | 250 | 0 | 98 | 152 | | 10.0 | DS | DI |
| 22.00 Master Thesis Elaboration | | | | | | 0 | 0 | 0 | 7 | 0 | A/R | 250 | 0 | 98 | 152 | | 10.0 | DS | DI |
| 23.00 Master Thesis Defense | | | | | | 0 | 0 | 0 | 0 | 0 | Nota | 0 | 0 | 0 | 0 | | 10.0 | DS | DI |
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| 100.00 Technological Transfer and Innovation Support | 2 | 0 | 1 | 0 | 0 | | | | | | Nota | 125 | 28 | 14 | 83 | 5.0 | | DC | Dfac |
| 204.00 Didactics of the Field and Development in Didactics Specialties (High School and Post High School Education) | 2 | 1 | 0 | 0 | 0 | | | | | | Nota | 125 | 28 | 14 | 83 | 5.0 | | DC | Dfac |
| 205.10 School Organization Management | 1 | 2 | 0 | 0 | 0 | | | | | | Nota | 125 | 14 | 28 | 83 | 5.0 | | DC | Dfac |
| 205.20 Metacognitive Education | 1 | 2 | 0 | 0 | 0 | | | | | | Nota | 125 | 14 | 28 | 83 | 5.0 | | DC | Dfac |
| 205.30 Intercultural Education | 1 | 2 | 0 | 0 | 0 | | | | | | Nota | 125 | 14 | 28 | 83 | 5.0 | | DC | Dfac |
| 303.00 Volunteering 3 | 0 | 1 | 0 | 0 | 0 | | | | | | A/R | 50 | 0 | 14 | 36 | 2.0 | Ī | DC | Dfac |
| 206.00 Teaching Practice (in Secondary School and Tertiary Education) | | | | | | 0 | 0 | 0 | 0 | 3 | Nota | 125 | 0 | 42 | 83 | | 5.0 | DC | Dfac |
| 207.00 Graduation exam - Level II | | | | | | 0 | 0 | 0 | 0 | 0 | Nota | 125 | 0 | 0 | 125 | | 5.0 | DC | Dfac |
| 304.00 Volunteering 4 | | | | | | 0 | 1 | 0 | 0 | 0 | A/R | 50 | 0 | 14 | 36 | | 2.0 | DC | Dfac |

Rector, Prof.Dr.Ing.Vasile Topa

Decan, Prof. dr. ing. Mihaela Dinsoreanu Director departament, Prof. dr. ing. Honoriu Mugurel Valean

Listat la: 10/06/2024

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7.0 5 0 0 1 0 3 **725** 70 126 529 17.0 0 sem1 TOTAL AN + 5 10.00 1.00 0 sem2

Rector, Prof.Dr.Ing.Vasile Topa Decan, Prof. dr. ing. Mihaela Dinsoreanu Director departament, Prof. dr. ing. Honoriu Mugurel Valean