

| CODUL SI | DENUMIREA DISCIPLINEI | Anul : I | | | | | | | | | | Forma de verificare | | | Nr.ore/disciplina | | | | Credite/sem | | Disciplina | | |
|----------|---|---------------|---|---|-------|-------|---------------|---|---|-------|-------|---------------------|------|-----|-------------------|-----|------|---------|-------------|-----|------------|------|--|
| | | SEM 1 14 sapt | | | | | SEM 2 14 sapt | | | | | E | C | V | Total | C | Apl | St. ind | 1 | 2 | cat | tip | |
| | | C | S | L | P | Pr/Ce | C | S | L | P | Pr/Ce | | | | | | | | | | | | |
| 1.00 | Big Data | 2 | 1 | 0 | 0 | 0 | | | | | | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DS | DI | | |
| 2.00 | Algorithms | 1 | 0 | 1 | 1 | 0 | | | | | | | Nota | 100 | 14 | 28 | 58 | 4.0 | | DS | DI | | |
| 3.00 | Database Systems | 2 | 0 | 1 | 0 | 0 | | | | | | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DS | DI | | |
| 4.00 | Machine Learning 1 | 2 | 0 | 1 | 0 | 0 | | | | | | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DS | DI | | |
| 5.00 | Mathematical Models for ML | 1 | 1 | 0 | 0 | 0 | | | | | | | Nota | 100 | 14 | 14 | 72 | 4.0 | | DS | DI | | |
| 6.00 | Research Activity 1 | 0 | 0 | 0 | 0 | 14 | | | | | | | A/R | 250 | 0 | 196 | 54 | 10.0 | | DS | DI | | |
| 7.10 | Machine Learning 2 | | | | | | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DA | DO | | |
| 7.20 | Architectures of Information Systems | | | | | | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DA | DO | | |
| 7.30 | Advanced Topics of Functional Programming | | | | | | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DA | DO | | |
| 8.10 | Data Analytics Pipeline | | | | | | 1 | 1 | 1 | 0 | 0 | | Nota | 100 | 14 | 28 | 58 | 4.0 | | DA | DO | | |
| 8.20 | Time Series Analysis | | | | | | 1 | 1 | 1 | 0 | 0 | | Nota | 100 | 14 | 28 | 58 | 4.0 | | DA | DO | | |
| 9.00 | Information Theory and Statistics | | | | | | 1 | 1 | 0 | 0 | 0 | | Nota | 100 | 14 | 14 | 72 | 4.0 | | DS | DI | | |
| 10.00 | Data Warehouse and Business Intelligence | | | | | | 2 | 1 | 0 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DS | DI | | |
| 11.00 | Image Processing and Computer Vision | | | | | | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DS | DI | | |
| 12.00 | Research Activity 2 | | | | | | 0 | 0 | 0 | 0 | 14 | | A/R | 250 | 0 | 196 | 54 | 10.0 | | DS | DI | | |
| TOTAL AN | | 8 | 2 | 3 | 1 | 14 | 8 | 3 | 3 | 0 | 14 | | sem1 | 4 | 1 | 1 | 1500 | 224 | 560 | 716 | 30.0 | 30.0 | |
| | | | | | 14.00 | | | | | 14.00 | | | sem2 | 5 | 0 | 1 | | | | | | | |

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|--------|--|---|---|---|---|---|---|---|---|---|---|--|------|-----|----|----|----|-----|--|----|------|
| 201.00 | Psychopedagogy of Adolescents, Youngs and Adults | 2 | 1 | 0 | 0 | 0 | | | | | | | Nota | 125 | 28 | 14 | 83 | 5.0 | | DC | Dfac |
| 301.00 | Volunteering 1 | 0 | 1 | 0 | 0 | 0 | | | | | | | A/R | 50 | 0 | 14 | 36 | 2.0 | | DC | Dfac |
| 202.00 | Design and Management of Educational Programs | | | | | | 2 | 1 | 0 | 0 | 0 | | Nota | 125 | 28 | 14 | 83 | 5.0 | | DC | Dfac |
| 203.10 | Educational Communication | | | | | | 1 | 2 | 0 | 0 | 0 | | Nota | 125 | 14 | 28 | 83 | 5.0 | | DC | Dfac |
| 203.20 | Educational Research Methodology | | | | | | 1 | 2 | 0 | 0 | 0 | | Nota | 125 | 14 | 28 | 83 | 5.0 | | DC | Dfac |
| 203.30 | Modern Trends in Assesment Theory and Practice | | | | | | 1 | 2 | 0 | 0 | 0 | | Nota | 125 | 14 | 28 | 83 | 5.0 | | DC | Dfac |
| 302.00 | Volunteering 2 | | | | | | 0 | 1 | 0 | 0 | 0 | | A/R | 50 | 0 | 14 | 36 | 2.0 | | DC | Dfac |

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|----------|---|---|------|---|---|---|---|------|---|---|------|---|---|---|------------|----|----|-----|-----|------|--|
| TOTAL AN | 2 | 2 | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | sem1 | 1 | 0 | 1 | 475 | 70 | 84 | 321 | 7.0 | 12.0 | |
| | | | 4.00 | | | | | 7.00 | | | sem2 | 2 | 0 | 1 | | | | | | | |

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| CODUL SI DENUMIREA DISCIPLINEI | Anul : II | | | | | | | | | | Forma de verificare | | | Nr.ore/disciplina | | | | Credite/sem | | Disciplina | | |
|--|---------------|----------|----------|----------|-----------|---------------|----------|----------|----------|-----------|---------------------|---|------|-------------------|-------------|-----------|------------|-------------|-------------|-------------|------|--|
| | SEM 1 14 sapt | | | | | SEM 2 14 sapt | | | | | E | C | V | Total | C | Apl | St. ind | 1 | 2 | cat | tip | |
| | C | S | L | P | Pr/Ce | C | S | L | P | Pr/Ce | | | | | | | | | | | | |
| 13.00 Blockchain | 1 | 1 | 0 | 0 | 0 | | | | | | | | | 100 | 14 | 14 | 72 | 4.0 | | DA | DI | |
| 14.10 Data-Driven Business and Behaviour Analytics | 1 | 1 | 1 | 0 | 0 | | | | | | | | | 100 | 14 | 28 | 58 | 4.0 | | DA | DO | |
| 14.20 NeuroScience | 1 | 1 | 1 | 0 | 0 | | | | | | | | | 100 | 14 | 28 | 58 | 4.0 | | DA | DO | |
| 15.10 Internet of Things and Industry 4,0 | 1 | 0 | 1 | 1 | 0 | | | | | | | | | 100 | 14 | 28 | 58 | 4.0 | | DA | DO | |
| 15.20 Complex Networks | 1 | 0 | 1 | 1 | 0 | | | | | | | | | 100 | 14 | 28 | 58 | 4.0 | | DA | DO | |
| 16.10 Natural Language Processing | 2 | 1 | 0 | 0 | 0 | | | | | | | | | 100 | 28 | 14 | 58 | 4.0 | | DC | DO | |
| 16.20 Advanced in Computer Vision | 2 | 1 | 0 | 0 | 0 | | | | | | | | | 100 | 28 | 14 | 58 | 4.0 | | DC | DO | |
| 17.10 Cloud computing | 1 | 0 | 0 | 1 | 0 | | | | | | | | | 100 | 14 | 14 | 72 | 4.0 | | DC | DO | |
| 17.20 Information Security | 1 | 0 | 0 | 1 | 0 | | | | | | | | | 100 | 14 | 14 | 72 | 4.0 | | DC | DO | |
| 18.00 Ethics and Academic Integrity | 1 | 0 | 0 | 0 | 0 | | | | | | | | Nota | 25 | 14 | 0 | 11 | 1.0 | | DC | DI | |
| 19.00 Research Activity 3 | 0 | 0 | 0 | 0 | 14 | | | | | | | | A/R | 225 | 0 | 196 | 29 | 9.0 | | 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 Dissertation Project Work | | | | | | 0 | 0 | 0 | 7 | 0 | | | A/R | 250 | 0 | 98 | 152 | 10.0 | | DS | DI | |
| 23.00 Presentation of Dissertation | | | | | | 0 | 0 | 0 | 0 | 0 | | | Nota | 0 | 0 | 0 | 0 | 10.0 | | DS | DI | |
| TOTAL AN | 7 | 3 | 2 | 2 | 14 | 0 | 0 | 0 | 7 | 14 | sem1 | 5 | 1 | 1 | 1500 | 98 | 686 | 716 | 30.0 | 30.0 | | |
| | | | | | | | | | | | sem2 | 0 | 0 | 3 | | | | | | + 10 | | |
| 204.00 Didactics of the Field and Developments in Didactics Specialties (High School and Post High School Education) | 2 | 1 | 0 | 0 | 0 | | | | | | | | | 125 | 28 | 14 | 83 | 5.0 | | DC | Dfac | |
| 205.10 School Organization Management | 1 | 2 | 0 | 0 | 0 | | | | | | | | | 125 | 14 | 28 | 83 | 5.0 | | DC | Dfac | |
| 205.20 Metacognitive Education | 1 | 2 | 0 | 0 | 0 | | | | | | | | | 125 | 14 | 28 | 83 | 5.0 | | DC | Dfac | |
| 205.30 Intercultural Education | 1 | 2 | 0 | 0 | 0 | | | | | | | | | 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 | | DC | Dfac | |
| 206.00 Teaching Practice (in Secondary School and Tertiary | | | | | | 0 | 0 | 0 | 0 | 3 | | | | 125 | 0 | 42 | 83 | 5.0 | | DC | Dfac | |

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|-----------------------------------|---|---|---|---|---|---|---|---|---|---|--------------------------|------------|----|-----|-----|------|------------|
| Education) | | | | | | | | | | | | | | | | | |
| 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 |
| TOTAL AN | 3 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | sem1 2 0 1 sem2 0 1 1 | 600 | 42 | 112 | 446 | 12.0 | 7.0 + 5 |

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