

| CODUL SI DENUMIREA DISCIPLINEI | Anul : I | | | | | Forma de verificare E C V | Nr.ore/disciplina | | | | Credite/sem | | Disciplina | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------|---------------|----------|----------|----------|-----------|------------------------------|-------------------|----------|----------|-----------|-------------|-------|------------|-----|-------------|------------|------------|------------|-------------|-------------|--|--|
| | SEM 1 14 sapt | | | | | | SEM 2 14 sapt | | | | | Total | C | Apl | St. ind | 1 | 2 | cat | tip | | | |
| | C | S | L | P | Pr/Ce | | C | S | L | P | Pr/Ce | | | | | | | | | | | |
| 1.00 Notiuni fundamentale de inteligenta artificiala | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DA | DI | | | | | | | |
| 2.00 Software pentru procesari de semnale,imagini si inteligenta artificiala | 1 | 0 | 2 | 0 | 0 | | Nota | 100 | 14 | 28 | 58 | 4.0 | | DS | DI | | | | | | | |
| 3.00 Prelucrarea statistica a semnalelor | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DA | DI | | | | | | | |
| 4.00 Metode matematice si algoritmi numerici pentru prelucrare de semnale, imagini si invatare automata | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DA | DI | | | | | | | |
| 5.00 Etica si integritate academica | 1 | 0 | 0 | 0 | 0 | | Nota | 50 | 14 | 0 | 36 | 2.0 | | DC | DI | | | | | | | |
| 6.10 Reprezentari rare pentru procesarea semnalului si a imaginii | 1 | 0 | 1 | 0 | 0 | | Nota | 100 | 14 | 14 | 72 | 4.0 | | DS | DO | | | | | | | |
| 6.20 Tehnologii de inteligenta artificiala pentru aplicatii mobile | 1 | 0 | 1 | 0 | 0 | | Nota | 100 | 14 | 14 | 72 | 4.0 | | DS | DO | | | | | | | |
| 6.30 Realitate virtuala si augmentata | 1 | 0 | 1 | 0 | 0 | | Nota | 100 | 14 | 14 | 72 | 4.0 | | DS | DO | | | | | | | |
| 6.40 Tehnici de compresie a semnalului audio | 1 | 0 | 1 | 0 | 0 | | Nota | 100 | 14 | 14 | 72 | 4.0 | | DS | DO | | | | | | | |
| 7.00 Activitate de cercetare / Practica 1 | 0 | 0 | 0 | 0 | 13 | | Nota | 200 | 0 | 182 | 18 | 8.0 | | DS | DI | | | | | | | |
| 8.00 Tehnici avansate de procesare a imaginilor si a secventelor video | | | | | | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | DA | DI | | | |
| 9.10 Viziune computerizata | | | | | | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | DS | DO | | | |
| 9.20 Analiza, sinteza si recunoasterea semnalului vocal | | | | | | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | DS | DO | | | |
| 10.00 Tehnici de invatare automata | | | | | | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | DS | DI | | | |
| 11.10 Arhitecturi reconfigurabile pentru procesare de semnale, imagini si inteligenta artificiala | | | | | | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | DS | DO | | | |
| 11.20 Rețele de senzori inteligenti cu Internetul obiectelor | | | | | | 2 | 0 | 1 | 0 | 0 | | Nota | 100 | 28 | 14 | 58 | 4.0 | DS | DO | | | |
| 12.00 Proiect de cercetare 1 | | | | | | 0 | 0 | 0 | 2 | 0 | | Nota | 100 | 0 | 28 | 72 | 4.0 | DS | DI | | | |
| 13.00 Activitate de cercetare / Practica 2 | | | | | | 0 | 0 | 0 | 0 | 14 | | Nota | 250 | 0 | 196 | 54 | 10.0 | DS | DI | | | |
| TOTAL AN | 9 | 0 | 6 | 0 | 13 | 8 | 0 | 4 | 2 | 14 | sem1 | 5 | 1 | 1 | 1500 | 238 | 546 | 716 | 30.0 | 30.0 | | |
| | | | | | | | | | | | sem2 | 4 | 1 | 1 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

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|--------------------------------------------------------------|---|---|---|---|---|--|--|--|--|--|--|------|-----|----|----|----|-----|--|----|------|
| 201.00 Psihopedagogia adolescentilor, tinerilor si adultilor | 2 | 1 | 0 | 0 | 0 | | | | | | | Nota | 125 | 28 | 14 | 83 | 5.0 | | DC | DFac |
|--------------------------------------------------------------|---|---|---|---|---|--|--|--|--|--|--|------|-----|----|----|----|-----|--|----|------|

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
Prof. dr. Ing. Ovidiu Aurel Pop

Director departament,
Prof. dr. Ing. Virgil Mircea Dobrota

EXEMPLAR UNIC
Originalul se află la PRORECTORATUL DIDACTIC
13.05.2024 - 1007

| | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------------------------|---|---|------|---|---|---|-----|----|------|----|----|--------------------------|-----|------|----|-----|-----|------|------|
| 301.00 Voluntariat 1 | 0 | 1 | 0 | 0 | 0 | | A/R | 50 | 0 | 14 | 36 | 2.0 | DC | DFac | | | | | |
| 202.00 Proiectarea si managementul programelor educationale | | | | | | 2 | 1 | 0 | 0 | 0 | 0 | Nota | 125 | 28 | 14 | 83 | 5.0 | DC | DFac |
| 203.10 Comunicare educationala | | | | | | 1 | 2 | 0 | 0 | 0 | 0 | Nota | 125 | 14 | 28 | 83 | 5.0 | DC | DFac |
| 203.20 Metodologia cercetarii educationale | | | | | | 1 | 2 | 0 | 0 | 0 | 0 | Nota | 125 | 14 | 28 | 83 | 5.0 | DC | DFac |
| 203.30 Orientari moderne in teoria si practica evaluarii | | | | | | 1 | 2 | 0 | 0 | 0 | 0 | Nota | 125 | 14 | 28 | 83 | 5.0 | DC | DFac |
| 302.00 Voluntariat 2 | | | | | | 0 | 1 | 0 | 0 | 0 | 0 | A/R | 50 | 0 | 14 | 36 | 2.0 | DC | DFac |
| TOTAL AN | 2 | 2 | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | sem1 1 0 1 sem2 2 0 1 | 475 | 70 | 84 | 321 | 7.0 | 12.0 | |
| | | | 4.00 | | | | | | 7.00 | | | | | | | | | | |

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EXEMPLAR UNIC

Originalul se află la PROCTORATUL DIDACTIC

Data: 13.05.2024 -1A20

| CODUL SI DENUMIREA DISCIPLINEI | Anul : II | | | | | Forma de verificare E C V | Nr.ore/disciplina | | | | Credite/sem | | Disciplina | | | | | | |
|------------------------------------------------------------------------------------------|-----------|----------|----------|----------|-----------|------------------------------|-------------------|----------|----------|-----------|--------------------------|-------------|------------|------------|------------|-------------|-------------|-----|-------|
| | SEM 1 | | 14 sapt | | | | SEM 2 | | 14 sapt | | Total | C | Apl | St. ind | 1 | 2 | cat | tip | |
| | C | S | L | P | Pr/Ce | | C | S | L | P | | | | | | | | | Pr/Ce |
| 14.00 Securitatea cibernetica bazata pe inteligenta artificiala | 1 | 0 | 2 | 0 | 0 | | | | | | Nota | 100 | 14 | 28 | 58 | 4.0 | | DA | DI |
| 15.00 Bioinformatica | 1 | 0 | 2 | 0 | 0 | | | | | | Nota | 100 | 14 | 28 | 58 | 4.0 | | DS | DI |
| 16.00 Retele neuronale si invatare profunda | 2 | 0 | 1 | 0 | 0 | | | | | | Nota | 100 | 28 | 14 | 58 | 4.0 | | DS | DI |
| 17.00 Data mining | 1 | 0 | 2 | 0 | 0 | | | | | | Nota | 100 | 14 | 28 | 58 | 4.0 | | DS | DI |
| 18.10 Codarea si compresia imaginilor si a secventelor video | 1 | 0 | 1 | 0 | 0 | | | | | | Nota | 100 | 14 | 14 | 72 | 4.0 | | DA | DO |
| 18.20 Predictia traficului in retele de telecomunicatii folosind inteligenta artificiala | 1 | 0 | 1 | 0 | 0 | | | | | | Nota | 100 | 14 | 14 | 72 | 4.0 | | DA | DO |
| 18.30 Comunicatii cognitive | 1 | 0 | 1 | 0 | 0 | | | | | | Nota | 100 | 14 | 14 | 72 | 4.0 | | DA | DO |
| 18.40 Procesarea limbajului natural | 1 | 0 | 1 | 0 | 0 | | | | | | Nota | 100 | 14 | 14 | 72 | 4.0 | | DA | DO |
| 19.00 Activitate de cercetare / Practica 3 | 0 | 0 | 0 | 0 | 14 | | | | | | Nota | 250 | 0 | 196 | 54 | 10.0 | | DS | DI |
| 20.00 Activitate de cercetare / Practica 4 | | | | | | 0 | 0 | 0 | 0 | 14 | Nota | 250 | 0 | 196 | 54 | 10.0 | | DS | DI |
| 21.00 Elaborare lucrare de disertatie | | | | | | 0 | 0 | 0 | 9 | 0 | Nota | 250 | 0 | 126 | 124 | 10.0 | | DS | DI |
| 22.00 Practica pentru elaborarea lucrarii de disertatie | | | | | | 0 | 0 | 0 | 0 | 5 | Nota | 250 | 0 | 70 | 180 | 10.0 | | DS | DI |
| 23.00 Sustinere lucrare de disertatie | | | | | | 0 | 0 | 0 | 0 | 0 | Nota | 0 | 0 | 0 | 0 | 10.0 | | DS | DI |
| TOTAL AN | 6 | 0 | 8 | 0 | 14 | 0 | 0 | 0 | 9 | 14 | sem1 5 1 0 sem2 0 3 0 | 1500 | 84 | 700 | 716 | 30.0 | 30.0 | | |
| | | | | | | | | | | | | | | | | | | | |

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|---------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|------|-----|----|----|----|-----|--|----|------|
| 100.00 Introducere in informatia cuantica | 2 | 0 | 2 | 0 | 0 | | | | | | Nota | 75 | 28 | 28 | 19 | 3.0 | | DA | DFac |
| 204.00 Didactica domeniului si dezvoltari in didactica specializarii (invatamant liceal, postliceal, dupa caz) | 2 | 1 | 0 | 0 | 0 | | | | | | Nota | 125 | 28 | 14 | 83 | 5.0 | | DC | DFac |
| 205.10 Managementul organizatiei scolare | 1 | 2 | 0 | 0 | 0 | | | | | | Nota | 125 | 14 | 28 | 83 | 5.0 | | DC | DFac |
| 205.20 Educatie metacognitiva | 1 | 2 | 0 | 0 | 0 | | | | | | Nota | 125 | 14 | 28 | 83 | 5.0 | | DC | DFac |
| 205.30 Educatie interculturala | 1 | 2 | 0 | 0 | 0 | | | | | | Nota | 125 | 14 | 28 | 83 | 5.0 | | DC | DFac |
| 303.00 Voluntariat 3 | 0 | 1 | 0 | 0 | 0 | | | | | | A/R | 50 | 0 | 14 | 36 | 2.0 | | DC | DFac |
| 206.00 Practica pedagogica de specialitate in invatamantul preuniversitar (invatamant liceal, postliceal, dupa caz) | | | | | | 0 | 0 | 0 | 0 | 3 | Nota | 125 | 0 | 42 | 83 | 5.0 | | DC | DFac |
| 207.00 Examen de absolvire: nivelul II | | | | | | 0 | 0 | 0 | 0 | 0 | Nota | 0 | 0 | 0 | 0 | 5.0 | | DC | DFac |

Rector,
Prof.Dr.Ing.Vasile TopaDecan,
Prof. dr. ing. Ovidiu Aurel PopDirector departament,
Prof.dr. ing. Vlad Mircea Dobrota

Originalul se află la PROCTORATUL DIDACTIC

EXEMPLAR UNIC

12.05.2024 - 12.05.2024

| | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|-------|---|---|---|---|------|----|---|------|----|-----|----|------|----|-----|-----|------|-----|--|
| 304.00 Voluntariat 4 | | 0 | 1 | 0 | 0 | 0 | | A/R | 50 | 0 | 14 | 36 | 2.0 | DC | DFac | | | | | | |
| TOTAL AN | 5 | 4 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | sem1 | 2 | 1 | 1 | 550 | 70 | 140 | 340 | 15.0 | 7.0 | |
| | | | 11.00 | | | | | 1.00 | | | sem2 | 0 | 1 | 1 | | | | | | + 5 | |

Rector,
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Decan,
Prof. dr. ing. Ovidiu Aurel Pop

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Prof. dr. ing. Virgil Mircea Dobrota

EXEMPLAR UNIC
Originalul se află la PRORECTORATUL DIDACTIC
Data: 13.05.2024 - VARD

| | C | S | L | P | Pr/Ce | Credite | Examene | Colocvii si verificari | Total evaluari | Nr.examene/tot.evaluari |
|---------|-----|---|-----|-----|-------|---------|---------|------------------------|----------------|-------------------------|
| Anul I | 238 | 0 | 140 | 28 | 378 | 60 | 9 | 4 | 13 | 69 % |
| Anul II | 84 | 0 | 112 | 126 | 462 | 60 | 5 | 4 | 9 | 56 % |
| TOTAL | 322 | 0 | 252 | 154 | 840 | 120 | 14 | 8 | 22 | 64 % |

NUMAR ORE TOTAL

1568

TOTAL ORE DIDACTICE

798

TOTAL ORE DISCIPLINE DE APROFUNDARE

238

TOTAL ORE DISCIPLINE DE SINTEZA

1316

TOTAL ORE DISCIPLINE COMPLEMENTARE - TIP DC

14

1.65 % din tot.activ.didactice oblig. max 20%

NUMAR DISCIPLINE COMPLEMENTARE - TIP DC

1

TOTAL ORE CURS

322

TOTAL ORE ACTIVITATI APLICATIVE

406

TOTAL ORE ACTIV.APLIC.FARA DISC.PARTIAL ASIST.

280

RAPORT CURS / ACTIV. PRACTICE

0.79 0.80-1.20

RAPORTAT LA ACTIV.APLIC.FARA DISC.PARTIAL ASIST. 1.15

Rector,

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Decan,

Prof. dr. ing. Ovidiu Aurel Pop

Director departament,

Prof. dr. ing. Virgil Mircea Dobrota

CURRICULA Valid for the Academic Year 2024-2025

| COURSE CODE AND TITLE | Year I | | | | | Methods of Assessment | Nr.of Hours/Discipline | | | | ECTS/Sem | | Discipline | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------|----------------|---|-------|---|-------|-----------------------|------------------------|-------|---|-------|----------|-------|------------|-----|------------|-----|------|-----|------|------|---|---|---|
| | SEM 1 14 weeks | | | | | | SEM 2 14 weeks | | | | | Total | C | Apl | Indiv. St. | 1 | 2 | cat | type | | | | |
| | C | S | L | P | Pr/Ce | C | S | L | P | Pr/Ce | E | | | | | | | | | C | V | 1 | 2 |
| 1.00 AI Fundamentals | 2 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 28 | 14 | 58 | 4.0 | | DA | DI | | | | |
| 2.00 Software for Signal / Image Processing and AI | 1 | 0 | 2 | 0 | 0 | | | | | | Gr | 100 | 14 | 28 | 58 | 4.0 | | DS | DI | | | | |
| 3.00 Statistical Signal Processing | 2 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 28 | 14 | 58 | 4.0 | | DA | DI | | | | |
| 4.00 Mathematical Methods and Numerical Algorithms for Signal/Image Processing and Machine Learning | 2 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 28 | 14 | 58 | 4.0 | | DA | DI | | | | |
| 5.00 Ethics and Academic Integrity | 1 | 0 | 0 | 0 | 0 | | | | | | Gr | 50 | 14 | 0 | 36 | 2.0 | | DC | DI | | | | |
| 6.10 Sparse Representations for Signal and Image Processing | 1 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 14 | 14 | 72 | 4.0 | | DS | DO | | | | |
| 6.20 AI Technologies for Mobile Applications | 1 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 14 | 14 | 72 | 4.0 | | DS | DO | | | | |
| 6.30 Virtual and Augmented Reality | 1 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 14 | 14 | 72 | 4.0 | | DS | DO | | | | |
| 6.40 Audio Signal Compression Techniques | 1 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 14 | 14 | 72 | 4.0 | | DS | DO | | | | |
| 7.00 Research / Practical Activity 1 | 0 | 0 | 0 | 0 | 13 | | | | | | Gr | 200 | 0 | 182 | 18 | 8.0 | | DS | DI | | | | |
| 8.00 Advanced Techniques for Image and Video Processing | | | | | | 2 | 0 | 1 | 0 | 0 | Gr | 100 | 28 | 14 | 58 | | 4.0 | DA | DI | | | | |
| 9.10 Computer Vision | | | | | | 2 | 0 | 1 | 0 | 0 | Gr | 100 | 28 | 14 | 58 | | 4.0 | DS | DO | | | | |
| 9.20 Speech Analysis, Synthesis and Recognition | | | | | | 2 | 0 | 1 | 0 | 0 | Gr | 100 | 28 | 14 | 58 | | 4.0 | DS | DO | | | | |
| 10.00 Machine Learning | | | | | | 2 | 0 | 1 | 0 | 0 | Gr | 100 | 28 | 14 | 58 | | 4.0 | DS | DI | | | | |
| 11.10 Reconfigurable Architectures for Signal / Image Processing and AI | | | | | | 2 | 0 | 1 | 0 | 0 | Gr | 100 | 28 | 14 | 58 | | 4.0 | DS | DO | | | | |
| 11.20 Smart Sensor Networks and IoT | | | | | | 2 | 0 | 1 | 0 | 0 | Gr | 100 | 28 | 14 | 58 | | 4.0 | DS | DO | | | | |
| 12.00 Research Project 1 | | | | | | 0 | 0 | 0 | 2 | 0 | Gr | 100 | 0 | 28 | 72 | | 4.0 | DS | DI | | | | |
| 13.00 Research / Practical Activity 2 | | | | | | 0 | 0 | 0 | 0 | 14 | Gr | 250 | 0 | 196 | 54 | | 10.0 | DS | DI | | | | |
| TOTAL AN | 9 | 0 | 6 | 0 | 13 | 8 | 0 | 4 | 2 | 14 | sem1 | 5 | 1 | 1 | 1500 | 238 | 546 | 716 | 30.0 | 30.0 | | | |
| | | | 15.00 | | | | | 14.00 | | | sem2 | 4 | 1 | 1 | | | | | | | | | |

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|---------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|-----|-----|----|----|----|-----|-----|----|------|
| 201.00 Psychopedagogy of Adolescents, Youngs and Adults | 2 | 1 | 0 | 0 | 0 | | | | | | Gr | 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 | Gr | 125 | 28 | 14 | 83 | | 5.0 | DC | DFac |

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 Prof. dr. ing. Virgil Mircea Dobrota

EXEMPLAR UNIC
 Originalul se află la PROCTORATUL DIDACTIC

Domain ELECTRONICS, TELECOMMUNICATIONS AND INFORMATION TECHNOLOGIES ENGINEERING

Program Name AI AND SIGNAL PROCESSING FOR ELECTRONICS AND TELECOMM (IN ENGLISH)

Study Level RESEARCH MASTERS

CURRICULA

Valid for the Academic Year

2024-2025

Pag. 2

| COURSE CODE AND TITLE | Year I | | | | | Methods of Assessment | Nr.of Hours/Discipline | | | | ECTS/Sem | | Discipline | | | | | |
|--------------------------------------------------------------|----------------|---|----------------|---|-------|-----------------------|------------------------|---|---|-------|--------------------------|-----|------------|----|-----|-----|------|------|
| | SEM 1 14 weeks | | SEM 2 14 weeks | | | | E | C | V | Total | C | Apl | Indiv. St. | 1 | 2 | cat | type | |
| | C | S | L | P | Pr/Ce | C | | | | | | | | | | | | S |
| 203.10 Educational Communication | | | | | | 1 | 2 | 0 | 0 | 0 | Gr | 125 | 14 | 28 | 83 | 5.0 | DC | DFac |
| 203.20 Educational Research Methodology | | | | | | 1 | 2 | 0 | 0 | 0 | Gr | 125 | 14 | 28 | 83 | 5.0 | DC | DFac |
| 203.30 Modern Orientations in Evaluation Theory and Practice | | | | | | 1 | 2 | 0 | 0 | 0 | Gr | 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 |
| TOTAL AN | 2 | 2 | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | sem1 1 0 1 sem2 2 0 1 | 475 | 70 | 84 | 321 | 7.0 | 12.0 | |

Rector,
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EXEMPLAR UNIC
 Originalul se află la PRORECTORATUL DIDACTIC
 Data: 13.05.2024 - YAO

CURRICULA Valid for the Academic Year 2024-2025

| COURSE CODE AND TITLE | Year I | | | | | Year II | | | | | Methods of Assessment | Nr.of Hours/Discipline | | | | ECTS/Sem | | Discipline | |
|-------------------------------------------------------------|----------------|----------|----------|----------|-----------|----------------|----------|----------|----------|-----------|--------------------------|------------------------|-----------|------------|------------|-------------|-------------|------------|-------------|
| | SEM 1 14 weeks | | | | | SEM 2 14 weeks | | | | | | E | C | Apl | Indiv. St. | 1 | 2 | cat | type |
| | C | S | L | P | Pr/Ce | C | S | L | P | Pr/Ce | Total | | | | | | | | |
| 14.00 AI-Based Cybersecurity | 1 | 0 | 2 | 0 | 0 | | | | | | Gr | 100 | 14 | 28 | 58 | 4.0 | | DA | DI |
| 15.00 Bioinformatics | 1 | 0 | 2 | 0 | 0 | | | | | | Gr | 100 | 14 | 28 | 58 | 4.0 | | DS | DI |
| 16.00 Neural Networks and Deep Learning | 2 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 28 | 14 | 58 | 4.0 | | DS | DI |
| 17.00 Data Mining | 1 | 0 | 2 | 0 | 0 | | | | | | Gr | 100 | 14 | 28 | 58 | 4.0 | | DS | DI |
| 18.10 Coding and Compression for Images and Video Sequences | 1 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 14 | 14 | 72 | 4.0 | | DA | DO |
| 18.20 Traffic Prediction in Telecom Networks Using AI | 1 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 14 | 14 | 72 | 4.0 | | DA | DO |
| 18.30 Cognitive Communications | 1 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 14 | 14 | 72 | 4.0 | | DA | DO |
| 18.40 Natural Language Processing | 1 | 0 | 1 | 0 | 0 | | | | | | Gr | 100 | 14 | 14 | 72 | 4.0 | | DA | DO |
| 19.00 Research / Practical Activity 3 | 0 | 0 | 0 | 0 | 14 | | | | | | Gr | 250 | 0 | 196 | 54 | 10.0 | | DS | DI |
| 20.00 Research / Practical Activity 4 | | | | | | 0 | 0 | 0 | 0 | 14 | | Gr | 250 | 0 | 196 | 54 | 10.0 | DS | DI |
| 21.00 Dissertation Project Work | | | | | | 0 | 0 | 0 | 9 | 0 | | Gr | 250 | 0 | 126 | 124 | 10.0 | DS | DI |
| 22.00 Field Specific Research for the Master Thesis | | | | | | 0 | 0 | 0 | 0 | 5 | | Gr | 250 | 0 | 70 | 180 | 10.0 | DS | DI |
| 23.00 Presentation of Dissertation | | | | | | 0 | 0 | 0 | 0 | 0 | | Gr | 0 | 0 | 0 | 0 | 10.0 | DS | DI |
| TOTAL AN | 6 | 0 | 8 | 0 | 14 | 0 | 0 | 0 | 9 | 14 | sem1 5 1 0 sem2 0 3 0 | 1500 | 84 | 700 | 716 | 30.0 | 30.0 | | + 10 |

| | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|----|----|-----|-----|----|------|
| 100.00 Introduction to Quantum Information | 2 | 0 | 2 | 0 | 0 | | | | | | Gr | 75 | 28 | 28 | 19 | 3.0 | | DA | DFac |
| 204.00 Didactics of the Field and Development in Didactics Specialties (High School and Post High School Education) | 2 | 1 | 0 | 0 | 0 | | | | | | Gr | 125 | 28 | 14 | 83 | 5.0 | | DC | DFac |
| 205.10 School Organization Management | 1 | 2 | 0 | 0 | 0 | | | | | | Gr | 125 | 14 | 28 | 83 | 5.0 | | DC | DFac |
| 205.20 Metacognitive Education | 1 | 2 | 0 | 0 | 0 | | | | | | Gr | 125 | 14 | 28 | 83 | 5.0 | | DC | DFac |
| 205.30 Intercultural Education | 1 | 2 | 0 | 0 | 0 | | | | | | Gr | 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 Education) | | | | | | 0 | 0 | 0 | 0 | 3 | | Gr | 125 | 0 | 42 | 83 | 5.0 | DC | DFac |

EXEMPLAR UNIC

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Originalul se află la PRORECTORATUL DIDACTIC
 Data: 13.05.2024 - YACO

Domain ELECTRONICS, TELECOMMUNICATIONS AND INFORMATION TECHNOLOGIES ENGINEERING

Program Name AI AND SIGNAL PROCESSING FOR ELECTRONICS AND TELECOMM (IN ENGLISH)

Study Level RESEARCH MASTERS

CURRICULA

Valid for the Academic Year

2024-2025

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| | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|-----|------|---|----|----|-----|----|------|-----|------|-----|--|
| 207.00 Graduation exam - Level II | | 0 | 0 | 0 | 0 | 0 | Gr | 0 | 0 | 0 | 0 | 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 | 5 | 4 | 2 | 0 | 0 | 0 | 3 | sem1 | 2 | 1 | 1 | 550 | 70 | 140 | 340 | 15.0 | 7.0 | |
| | | | | | | | | sem2 | 0 | 1 | 1 | | | | | | + 5 | |

Rector,
 Prof.Dr.Ing.Vasile Topa

Dean,
 Prof. dr. ing. Ovidiu Aurel Pop

Department Director,
 Prof. dr. ing. Virgil Mircea Dobrota

EXEMPLAR UNIC

Originalul se află la PRORECTORATUL DIDACTIC

Data: 13.05.2024 - VAO

Semnătura:

| | C | S | L | P | Pr/Ce | Credite | Examene | Colocvii si verificari | Total evaluari | Nr.examene/tot.evaluari |
|---------|-----|---|-----|-----|-------|---------|---------|------------------------|----------------|-------------------------|
| Anul I | 238 | 0 | 140 | 28 | 378 | 60 | 9 | 4 | 13 | 69 % |
| Anul II | 84 | 0 | 112 | 126 | 462 | 60 | 5 | 4 | 9 | 56 % |
| TOTAL | 322 | 0 | 252 | 154 | 840 | 120 | 14 | 8 | 22 | 64 % |

NUMAR ORE TOTAL 1568

TOTAL ORE DIDACTICE 798

TOTAL ORE DISCIPLINE DE APROFUNDARE 238

TOTAL ORE DISCIPLINE DE SINTEZA 1316

TOTAL ORE DISCIPLINE COMPLEMENTARE - TIP DC 14 1.65 % din tot.activ.didactice oblig. max 20%

NUMAR DISCIPLINE COMPLEMENTARE - TIP DC 1

TOTAL ORE CURS 322

TOTAL ORE ACTIVITATI APLICATIVE 406

RAPORT CURS / ACTIV. PRACTICE 0.79 0.80-1.20

TOTAL ORE ACTIV.APLIC.FARA DISC.PARTIAL ASIST. 280

RAPORTAT LA ACTIV.APLIC.FARA DISC.PARTIAL ASIST. 1.15

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