

Departamentul: Calculatoare și Tehnologia
 Informației (D27)

Domeniul de ierarhizare : Ingineria
 sistemelor, Calculatoare și tehnologia
 informației

Programul de studii : Calculatoare cu
 predare în limba engleză (CE)

Durata studiilor : 4 ani

Forma de învățământ : IF

| | | |
|--------------------------|--|---------|
| Sem. I | | Sem. II |
| Nr. sapt./sem. daca ≠ 14 | | |

PLAN DE ÎNVĂȚĂMÂNT – Anul II (2021-2022)

| Disciplina | Cod | DF DD DS DC | DI DO DFac | Opt. 0/≥1 | C1 | S1 | L1 | P1 | CT1 | FV1 | C2 | S2 | L2 | P2 | CT2 | FV2 | SI |
|--------------------------------------------------------------------------|------------|----------------------|------------------|--------------|-----------|----------|----------|----------|-----------|-----|-----------|----------|-----------|----------|-----------|-----|------------|
| DISCIPLINE OBLIGATORII SI OPTIONALE | | | | | | | | | | | | | | | | | |
| Data Structures and Algorithms | D27CEL319 | DD | DI | 1 | 2 | | 2 | | 5 | E | | | | | | | 69 |
| Computer Systems Architecture | D27CEL320 | DD | DI | 1 | 2 | 1 | 2 | | 5 | E | | | | | | | 55 |
| Object Oriented Programming | D27CEL321 | DD | DI | 1 | 3 | | 2 | | 5 | E | | | | | | | 55 |
| Electronic Devices and Analog Electronics | D27CEL322 | DD | DI | 1 | 2 | 1 | 1 | | 5 | E | | | | | | | 69 |
| System Theory | D27CEL323 | DD | DI | 1 | 2 | 2 | | | 4 | V | | | | | | | 44 |
| General Economics | D27CEL324 | DC | DI | 1 | 2 | 1 | | | 4 | V | | | | | | | 58 |
| English III | D27CEL325 | DC | DI | 1 | 1 | 1 | | | 2 | V | | | | | | | 22 |
| Computer Structure and Organization | D27CEL426 | DD | DI | 1 | | | | | | | 2 | 1 | 2 | | 4 | E | 30 |
| Artificial Intelligence | D27CEL427 | DD | DI | 1 | | | | | | | 2 | 1 | 1 | | 4 | E | 44 |
| Computer Graphics | D27CEL428 | DD | DI | 1 | | | | | | | 2 | 2 | 2 | | 4 | E | 44 |
| Applied Informatics II | D27CEL429 | DF | DI | 1 | | | | | | | 3 | | 2 | | 4 | E | 30 |
| Numerical Methods | D27CEL430 | DF | DI | 1 | | | | | | | 2 | | 2 | | 4 | V | 44 |
| Electronic Measurements, Sensors and Transducers | D27CEL431 | DD | DI | 1 | | | | | | | 2 | | 1 | | 4 | V | 58 |
| English IV | D27CEL432 | DC | DI | 1 | | | | | | | 1 | 1 | | | 2 | V | 22 |
| Practical Stage* 1 (3 weeks = 90 hours) | D27CEL433 | DD | DI | 2 | | | | | | | | | | 6.43 | 4 | V | 10 |
| Physical Education and Sport III | D27CEL334 | DC | DI | 1 | | 1 | | | 1* | A/R | | | | | | | 11 |
| Physical Education and Sport IV | D27CEL435 | DC | DI | 1 | | | | | | | | 1 | | | 1* | A/R | 11 |
| TOTAL | | | | | 14 | 7 | 7 | 0 | 30 | | 14 | 4 | 10 | 0 | 30 | | 676 |
| DISCIPLINE FACULTATIVE | | | | | | | | | | | | | | | | | |
| Knowledge and Communication | D27CEL336 | DC | DFac | 0 | 2 | 1 | | | 3 | V | | | | | | | |
| Psychology of Education (DTT) | D14MP1L101 | DF | DFac | 1 | 2 | 2 | | | 5 | E | | | | | | | |
| Fundamentals of pedagogy. Theory and methodology of the curriculum (DTT) | D14MP1L202 | DF | DFac | 1 | | | | | | | 2 | 2 | | | 5 | E | |
| TOTAL | | | | | 4 | 3 | 0 | 0 | 8 | | 2 | 2 | 0 | 0 | 5 | | |

* Se acorda peste cele 30 credite transferabile ale unui semestru conform Hotararii Consiliului ARACIS din data de 28.06.2012

Domeniul de ierarhizare: Ingineria sistemelor,
 Calculatoare și tehnologia informației
 Programul de studii: Calculatoare cu predare în
 limba engleză (CE)

Durata studiilor : 4 ani
 Forma de învățământ : IF

| | |
|--------------------------|---------|
| Sem. I | Sem. II |
| Nr. sapt./sem. daca ≠ 14 | 10 |

PLAN DE ÎNVĂȚĂMÂNT – Anul IV (2023-2024)

| Disciplina | Cod | DF DD DS DC | DI DO DFac | Opt. 0/≥1 | C1 | S1 | L1 | P1 | CT1 | FV1 | C2 | S2 | L2 | P2 | CT2 | FV2 |
|------------------------------------------------------------------|------------|----------------------|------------------|--------------|-----------|----------|-----------|----------|-----------|-----|-----------|----------|----------|----------|-----------|-----|
| DISCIPLINE OBLIGATORII SI OPTIONALE | | | | | | | | | | | | | | | | |
| Software Project Management | D27CEL755 | DS | DI | 1 | 2 | | 2 | | 5 | E | | | | | | |
| E-Commerce | D27CEL756 | DS | DI | 1 | 2 | | 2 | 1 | 5 | E | | | | | | |
| Data Security | D27CEL757 | DS | DI | 1 | 2 | | 2 | | 4 | E | | | | | | |
| Database Design | D27CEL758 | DS | DO | 1 | 2 | | 2 | | 5 | E | | | | | | |
| Translator Design | D27CEL759 | DS | DO | 1 | 2 | | 2 | | 5 | E | | | | | | |
| Machine Learning | D27CEL760 | DS | DO | 1 | 2 | | 2 | | 4 | V | | | | | | |
| Project III Tools for Program Development | D27CEL761 | DS | DO | 1 | | | | 2 | 2 | V | | | | | | |
| Computer Network Management | D27CEL762 | DS | DO | 0 | 2 | | 2 | | 5 | E | | | | | | |
| VLSI Circuits | D27CEL763 | DS | DO | 0 | 2 | | 2 | | 5 | E | | | | | | |
| Embedded Systems | D27CEL764 | DD | DO | 0 | 2 | | 2 | | 4 | V | | | | | | |
| Project IV Microcontrollers | D27CEL765 | DS | DO | 0 | | | | 2 | 2 | V | | | | | | |
| Practical Stage for License Project Completion (60 hours) | D27CEL866 | DS | DI | 2 | | | | | | | | | | 6 | 6 | V |
| Mobile Computing | D27CEL867 | DS | DI | 1 | | | | | | | 3 | | 2 | | 4 | E |
| Information Retrieval | D27CEL868 | DS | DO | 1 | | | | | | | 3 | | | 1 | 4 | E |
| Graphic Processing Systems | D27CEL869 | DS | DO | 1 | | | | | | | 2 | | 2 | | 4 | E |
| Multimedia Systems | D27CEL870 | DS | DO | 1 | | | | | | | 2 | | 2 | | 4 | V |
| Human-Computer Interaction | D27CEL871 | DS | DO | 1 | | | | | | | 3 | | 1 | | 4 | V |
| Testing of Computer Systems | D27CEL872 | DS | DO | 0 | | | | | | | 3 | | | 1 | 4 | E |
| Signal Processing | D27CEL873 | DS | DO | 0 | | | | | | | 2 | | 2 | | 4 | E |
| Sensor Networks | D27CEL874 | DS | DO | 0 | | | | | | | 2 | | 2 | | 4 | V |
| Real Time Computer Systems | D27CEL875 | DS | DO | 0 | | | | | | | 3 | | 1 | | 4 | V |
| License Project Completion (56 hours) | D27CEL876 | DS | DI | 1 | | | | | | | | | | 6 | 4 | V |
| Graduation Exam | | DD | DI | 0 | | | | | | | | | | | 10 | E |
| TOTAL | | | | | 12 | 0 | 12 | 3 | 30 | | 13 | 0 | 7 | 7 | 30 | |
| DISCIPLINE FACULTATIVE | | | | | | | | | | | | | | | | |
| Computer assisted learning (DTT) | D14MP1CL10 | DS | DFac | 1 | 1 | | 1 | | 2 | V | | | | | | |
| Teaching practice in compulsory primary & class management (DTT) | D14MP1CL10 | DS | DFac | 1 | | | | 3 | 3 | V | | | | | | |
| Teaching practice in compulsory primary & class management (DTT) | D14MP1CL20 | DS | DFac | 1 | | | | | | | 1 | 1 | | | 3 | E |
| | | | | | | | | | | | | | | 3 | 2 | V |
| TOTAL | | | | | 1 | 0 | 1 | 3 | 5 | | 1 | 1 | 0 | 3 | 5 | |
| Sustinere proiect diploma | D25IECL878 | DS | DI | 1 | | | | | | | | | | | 10 | E |