

Computer Graphics and Multimedia 2020/2021

| Name of the course | | TOTAL | | | | | | | | Semesters | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------------|------------|------------|------------|------------|-----------|-----------|----------|------------|-----------|------------|-----------|----------|-----------|----------|------------|-----------|-----------|------------|----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|--|
| | | Hours | | | | | | | | I | | | | | | II | | | | | | III | | | | | | | | | | | | | |
| | | | W | C | L | P | S | ECTS | Egz | W | C | L | P | S | ECTS | Egz | W | C | L | P | S | ECTS | Egz | W | C | L | P | S | ECTS | Egz | | | | | |
| General subjects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Managerial economics | 45 | 15 | 30 | 0 | 0 | 0 | 3 | 0 | 15 | 30 | 0 | 0 | 0 | 3 | | | | | | | | | | | | | | | | | | | | |
| 2 | Psychology and Sociology and Industrial Relations | 30 | 0 | 30 | 0 | 0 | 0 | 2 | 0 | | | | | | | | | | | | | | | 0 | 30 | 0 | 0 | 0 | 2 | | | | | | |
| 3 | Technical and Professional Writing | 30 | 0 | 30 | 0 | 0 | 0 | 1 | 0 | | | | | | | | 0 | 30 | 0 | 0 | 0 | 1 | | | | | | | | | | | | | |
| Major courses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Advanced Programming Technologies | 60 | 30 | 0 | 30 | 0 | 0 | 4 | 1 | 30 | 0 | 30 | 0 | 0 | 4 | E | | | | | | | | | | | | | | | | | | | |
| 5 | Human-Computer Interaction | 60 | 30 | 0 | 15 | 15 | 0 | 4 | 1 | 30 | 0 | 15 | 15 | 0 | 4 | E | | | | | | | | | | | | | | | | | | | |
| 6 | IT Project Management | 60 | 30 | 0 | 0 | 30 | 0 | 5 | 1 | | | | | | | | 30 | 0 | 0 | 30 | 0 | 5 | E | | | | | | | | | | | | |
| 7 | Parallel and Distributed Programming | 60 | 30 | 0 | 15 | 15 | 0 | 5 | 1 | | | | | | | | 30 | 0 | 15 | 15 | 0 | 5 | E | | | | | | | | | | | | |
| Specialized courses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contemporary forms of multimedia communication | 15 | 15 | 0 | 0 | 0 | 0 | 1 | 0 | 15 | 0 | 0 | 0 | 0 | 1 | | | | | | | | | | | | | | | | | | | | |
| 9 | Sound acquisition and processing | 60 | 30 | 0 | 15 | 15 | 0 | 4 | 0 | 30 | 0 | 15 | 15 | 0 | 4 | | | | | | | | | | | | | | | | | | | | |
| 10 | Audiovisual Technologies | 60 | 30 | 0 | 15 | 15 | 0 | 4 | 0 | 30 | 0 | 15 | 15 | 0 | 4 | | | | | | | | | | | | | | | | | | | | |
| 11 | Computer Image Processing | 60 | 30 | 0 | 30 | 0 | 0 | 5 | 1 | 30 | 0 | 30 | 0 | 0 | 5 | E | | | | | | | | | | | | | | | | | | | |
| 12 | 3D Modeling | 60 | 30 | 0 | 15 | 15 | 0 | 5 | 1 | 30 | 0 | 15 | 15 | 0 | 5 | E | | | | | | | | | | | | | | | | | | | |
| 13 | Front end programming | 45 | 15 | 0 | 15 | 15 | 0 | 3 | 0 | | | | | | | | 15 | 0 | 15 | 15 | 0 | 3 | | | | | | | | | | | | | |
| 14 | Multimedia post-production | 60 | 30 | 0 | 15 | 15 | 0 | 3 | 0 | | | | | | | | 30 | 0 | 15 | 15 | 0 | 3 | | | | | | | | | | | | | |
| 15 | Programming in CAD environments | 60 | 30 | 0 | 15 | 15 | 0 | 4 | 0 | | | | | | | | 30 | 0 | 15 | 15 | 0 | 4 | | | | | | | | | | | | | |
| 16 | Computer Visualization and Animation | 60 | 30 | 0 | 15 | 15 | 0 | 5 | 1 | | | | | | | | 30 | 0 | 15 | 15 | 0 | 5 | E | | | | | | | | | | | | |
| 17 | Virtual and Augmented Reality | 45 | 15 | 0 | 15 | 15 | 0 | 4 | 0 | | | | | | | | 15 | 0 | 15 | 15 | 0 | 4 | | | | | | | | | | | | | |
| 18 | Game programming | 45 | 15 | 0 | 15 | 15 | 0 | 3 | 0 | | | | | | | | | | | | | | | 15 | 0 | 15 | 15 | 0 | 3 | | | | | | |
| 19 | Strategic Enterprise Management | 30 | 15 | 15 | 0 | 0 | 0 | 2 | 0 | | | | | | | | | | | | | | | 15 | 15 | 0 | 0 | 0 | 2 | | | | | | |
| 20 | Problem Solving Workshop | 30 | 0 | 0 | 0 | 30 | 0 | 6 | 0 | | | | | | | | | | | | | | | 0 | 0 | 0 | 30 | 0 | 6 | | | | | | |
| 21 | Diploma Seminar | 30 | 0 | 0 | 0 | 0 | 30 | 2 | 0 | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 30 | 2 | | | | | | |
| 22 | Preparation of the Diploma Thesis | 10 | 0 | 0 | 0 | 10 | 0 | 15 | 0 | | | | | | | | | | | | | | | 0 | 0 | 0 | 10 | 0 | 15 | | | | | | |
| Total | | 1015 | 420 | 105 | 225 | 235 | 30 | 90 | 7 | 210 | 30 | 120 | 60 | 0 | 30 | 4 | 180 | 30 | 90 | 120 | 0 | 30 | 3 | 30 | 45 | 15 | 55 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | |
| | | | | | | | | | | 420 | | | | | | 420 | | | | | | 175 | | | | | | | | | | | | | |
| Letter "E" in column "Egz" stands for exam. W - lecture, C - auditorial exercises, L - laboratories, P - projects, S - seminar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |