

| Faculty of Fundamental Problems of Technology   |   |                                |           |            |         |         |
|---|---|--------------------------------|-----------|------------|---------|---------|
| COURSE CARD   |   |                                |           |            |         |         |
| Name in polish  | : | <b>Seminarium Magisterskie</b> |           |            |         |         |
| Name in english   | : | <b>MSc Seminar</b>             |           |            |         |         |
| Field of study  | : | Computer Science               |           |            |         |         |
| Specialty (if applicable)   | : |                                |           |            |         |         |
| Undergraduate degree and form of  | : | masters, stationary            |           |            |         |         |
| Type of course  | : | compulsory                     |           |            |         |         |
| Course code   | : | E2_I07                         |           |            |         |         |
| Group rate  | : | Yes                            |           |            |         |         |
|   |   | Lectures                       | Exercides | Laboratory | Project | Seminar |
| Number of classes held in schools (ZZU)   |   |                                |           |            |         | 30      |
| The total number of hours of student workload (CNPS)  |   |                                |           |            |         | 120     |
| Assesment   |   | pass                           |           |            |         |         |
| For a group of courses final course mark  |   | X                              |           |            |         |         |
| Number of ECTS credits  |   |                                |           |            |         | 4       |
| including the number of points corresponding to the classes of practical (P)  |   |                                |           |            |         | 4       |
| including the number of points corresponding occupations requiring direct contact (BK)  |   |                                |           |            |         | 4       |
| PREREQUISITES FOR KNOWLEDGE, SKILLS AND OTHER POWERS  |   |                                |           |            |         |         |
| The admission to the third semester of study  |   |                                |           |            |         |         |
| COURSE OBJECTIVES   |   |                                |           |            |         |         |
| <b>C1</b> Discussion and clarification of the objectives of the thesis, to know the rules of editing theses, building presentations, and communicating the results (monitoring individual progress) |   |                                |           |            |         |         |
| COURSE LEARNING OUTCOMES  |   |                                |           |            |         |         |
| The scope of the student's knowledge:   |   |                                |           |            |         |         |
| <b>W1</b> Knows how to write scientific papers  |   |                                |           |            |         |         |
| The student skills:   |   |                                |           |            |         |         |
| <b>U1</b> Knows Latex   |   |                                |           |            |         |         |
| <b>U2</b> Can write presentations   |   |                                |           |            |         |         |
| <b>U3</b> Can give a short lecture  |   |                                |           |            |         |         |
| The student's social competence:  |   |                                |           |            |         |         |
| <b>K1</b> Understands the concept of plagiarism   |   |                                |           |            |         |         |
| <b>K2</b> Able to briefly discuss a problem from IT   |   |                                |           |            |         |         |
| COURSE CONTENT  |   |                                |           |            |         |         |

| Type of classes - seminar  |                                       |   |
|--|---------------------------------------|---|
| Sem1   | Discussion of rules of writing theses | 2h                                      |
| Sem2   | Discussion about subjects of thesis   | 8h                                      |
| Sem3   | Analysis of thesis                    | 10h                                     |
| Sem4   | Rules of writing presentations        | 2h                                      |
| Sem5   | Participants presentations            | 8h                                      |
| Applied learning tools   |                                       |   |
| <ol style="list-style-type: none"> <li>1. Solving tasks and problems</li> <li>2. Creating multimedia presentations by students</li> <li>3. Consultation</li> <li>4. Self-study students</li> </ol> |                                       |   |
| EVALUATION OF THE EFFECTS OF EDUCATION ACHIEVEMENTS  |                                       |   |
| Value  | Number of training effect             | Way to evaluate the effect of education |
| F1   | W1-W1, U1-U3, K1-K2                   |   |
| P=%*F1   |                                       |   |
| BASIC AND ADDITIONAL READING   |                                       |   |
| <ol style="list-style-type: none"> <li>1. Literature consulted with thesis supervisor</li> <li>2. Latex tutorial</li> <li>3. Beamer tutorial</li> </ol>  |                                       |   |
| SUPERVISOR OF COURSE   |                                       |   |
| prof. Jacek Cichoń   |                                       |   |

RELATIONSHIP MATRIX EFFECTS OF EDUCATION FOR THE COURSE  
MSc Seminar

WITH EFFECTS OF EDUCATION ON THE DIRECTION OF COMPUTER SCIENCE

| Course training effect | Reference to the effect of the learning outcomes defined for the field of study and specialization (if applicable) | Objectives of the course** | The contents of the course** | Number of teaching tools** |
|------------------------|--|----------------------------|------------------------------|----------------------------|
| W1                     | K2_W06 K2_W08 K2_W10   | C1                         | Sem1-Sem5                    | 3 4                        |
| U1                     | K2_U03   | C1                         | Sem1-Sem5                    | 1 2 3 4                    |
| U2                     | K2_U02 K2_U03 K2_U04   | C1                         | Sem1-Sem5                    | 1 2 3 4                    |
| U3                     | K2_U02 K2_U04  | C1                         | Sem1-Sem5                    | 1 2 3 4                    |
| K1                     | K2_K04 K2_K10  | C1                         | Sem1-Sem5                    | 1 2 3 4                    |
| K2                     | K2_K14   | C1                         | Sem1-Sem5                    | 1 2 3 4                    |