

## Subject card

| Subject name and code                       | MSc Diploma Seminar, PG_00054373   |                                   |   |            |            |   |      |     |  |
|---|--|-----------------------------------|---|------------|------------|---|------|-----|--|
| Field of study                              | Informatics  |                                   |   |            |            |   |      |     |  |
| Date of commencement of studies             | February 2026  |                                   | Academic year of realisation of subject |            |            | 2026/2027   |      |     |  |
| Education level                             | second-cycle studies   |                                   | Subject group                           |            |            | Optional subject group Subject group related to scientific research in the field of study |      |     |  |
| Mode of study                               | Full-time studies  |                                   | Mode of delivery                        |            |            | at the university   |      |     |  |
| Year of study                               | 2  |                                   | Language of instruction                 |            |            | Polish  |      |     |  |
| Semester of study                           | 3  |                                   | ECTS credits                            |            | 3.0        |   |      |     |  |
| Learning profile                            | general academic profile   |                                   | Assessment form                         |            | assessment |   |      |     |  |
| Conducting unit                             | Department Of Geoinformatics -> Faculty Of Electronics Telecommunications And Informatics -> Wydziały Politechniki Gdańskiej |                                   |   |            |            |   |      |     |  |
| Name and surname of lecturer (lecturers)    | Subject supervisor   |                                   | dr hab. inż. Marek Moszyński            |            |            |   |      |     |  |
|   | Teachers   | dr hab. inż. Marek Moszyński      |   |            |            |   |      |     |  |
| Lesson types and methods of instruction     | Lesson type  | Lecture                           | Tutorial                                | Laboratory | Projec     | Project Seminar   |      | SUM |  |
|   | Number of study hours  | 0.0                               | 0.0                                     | 0.0        | 0.0        |   | 30.0 | 30  |  |
|   | E-learning hours included: 0.0   |                                   |   |            |            |   |      |     |  |
| Learning activity and number of study hours | Learning activity  | Participation i classes including |   |            |            | Self-study  |      | SUM |  |
|   | Number of study hours  | 30                                |   | 3.0        |            | 42.0  |      | 75  |  |
| Subject objectives                          | Supervision of the ongoing work on the master thesis, preparation to the thesis defence.                                     |                                   |   |            |            |   |      |     |  |

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| Learning outcomes  | Course outcome  | Subject outcome  | Method of verification   |  |  |  |  |  |
|--|---|--|--|--|--|--|--|--|
|  | [K7_U10] can individually plan and pursuit their own lifelong education and influence others in this aspect, also by means of advanced information and communication technologies (ICT), and communicate on specialist issues with diverse recipients, appropriately justify points of view, hold debates, present, assess and discuss different opinions and points of view, as well as use specialist terminology related to the field of study in communication  | Student analyzes and plans the design process, produces documentation and applies the principles of presentation of the results of the work  | [SU5] Assessment of ability to present the results of task               |  |  |  |  |  |
|  | [K7_K02] is ready to provide critical evaluation of received content and to acknowledge the importance of knowledge in solving cognitive and practical problems   | Student analyzes and plans the design process, produces documentation and applies the principles of presentation of the results of the work  | [SK5] Assessment of ability to solve problems that arise in practice     |  |  |  |  |  |
|  | [K7_K01] is ready to create and develop models of proper behaviour in the work and life environment; undertake initiatives; critically evaluate actions of their own, teams and organisations they are part of; lead a group and take responsibility for its actions; responsibly perform professional roles taking into account changing social needs, including: - developing the achievements of the profession, - observing and developing rules of professional ethics and acting to comply to these rules | Student is able to solve problems related to the profession of Master of Science in computer science, correctly identifies and resolves dilemmas related to this profession, performs risk assessment and is able to assess the effects of activities carried out individually and as a responsible team leader. | [SK5] Assessment of ability to solve problems that arise in practice     |  |  |  |  |  |
|  | [K7_K03] is ready to meet social obligations, inspire and organise activities for the social environment, initiate actions for the public interest, think and act in an entrepreneurial way   | Student writes down a report on his research in the form of master's thesis.   | [SK4] Assessment of communication skills, including language correctness |  |  |  |  |  |
| Subject contents   | Presentation of the assumptions and preliminaries of the thesis being prepared, and of specific goals to be achieved with regard to the state of the art and exusting practice. Student presents an outline, planned scheduleand other aspects of the thesis, including involved risk. Discussion on the presentation.  Presentation of the obtained results and achieved goals as compared to the initial projections. Critical discussion of the presentation.  |  |  |  |  |  |  |  |
| Prerequisites and co-requisites                                |   |  |  |  |  |  |  |  |
| Assessment methods   | Subject passing criteria  | Passing threshold  | Percentage of the final grade  |  |  |  |  |  |
| and criteria   | Presentation of the thesis being prepared, participation in discussions on other presentations.   | 50.0%  | 50.0%  |  |  |  |  |  |
|  | Presentation of the final version of<br>the thesis., participation in<br>discussions on other<br>presentations.   | 50.0%  | 50.0%  |  |  |  |  |  |
| Recommended reading  | Basic literature  "Regulamin dyplomowania na Wydziale Elektroniki, Telekomunikacji i<br>Informatyki Politechniki Gdańskiej" (http://www.eti.pg.gda.pl/studenci/druki/) "Konspekt pracy magisterskiej", wyd. KIO WETI PG   |  |  |  |  |  |  |  |
|  | Supplementary literature No requirements  |  |  |  |  |  |  |  |
|  | eResources addresses Adresy na platformie eNauczanie:   |  |  |  |  |  |  |  |
| Example issues/<br>example questions/<br>tasks being completed | <ol> <li>Current state of the art in the area of the subject of the diploma thesis and the definition of the problem to be solved</li> <li>Justification for solving the problem defined in the thesis.</li> <li>Design considerations for solving the problem.</li> <li>Proposed structure of the diploma thesis, including bibliography.</li> </ol>   |  |  |  |  |  |  |  |
| Work placement   | Not applicable  |  |  |  |  |  |  |  |

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