



## Subject card

|   |   |  |  |                                     |   |            |     |
|---|---|--|--|-------------------------------------|---|------------|-----|
| Subject name and code                       | GEODETTIC AND CIVIL ENGINEERING LAW, PG_00044839  |  |  |                                     |   |            |     |
| Field of study                              | Geodesy and Cartography   |  |  |                                     |   |            |     |
| Date of commencement of studies             | October 2021  | Academic year of realisation of subject                  |  |                                     | 2023/2024   |            |     |
| Education level                             | first-cycle studies   | Subject group  |  |                                     | Humanistic-social subject group<br>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                               | 3   | Language of instruction                                  |  |                                     | Polish  |            |     |
| Semester of study                           | 6   | ECTS credits   |  |                                     | 3.0   |            |     |
| Learning profile                            | general academic profile  | Assessment form  |  |                                     | exam  |            |     |
| Conducting unit                             | Department of Geodesy -> Faculty of Civil and Environmental Engineering   |  |  |                                     |   |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor  |  | dr inż. Emilia Miszewska   |                                     |   |            |     |
|   | Teachers  |  |  |                                     |   |            |     |
| Lesson types and methods of instruction     | Lesson type   | Lecture  | Tutorial   | Laboratory                          | Project   | Seminar    | SUM |
|   | Number of study hours   | 45.0   | 0.0  | 0.0                                 | 0.0   | 0.0        | 45  |
|   | E-learning hours included: 0.0  |  |  |                                     |   |            |     |
| Learning activity and number of study hours | Learning activity   | Participation in didactic classes included in study plan |  | Participation in consultation hours |   | Self-study | SUM |
|   | Number of study hours   | 45   |  | 6.0                                 |   | 24.0       | 75  |
| Subject objectives                          | Knowledge of applicable geodetic law. Ability to apply the law. Understanding the role of regulations in a surveyor's work.   |  |  |                                     |   |            |     |
| Learning outcomes                           | Course outcome  |  | Subject outcome  |                                     | Method of verification  |            |     |
|   | [K6_W12] knows and understands legal norms in the field of protection of intellectual property and patent management law, including conducting business in geodesy and cartography  |  | The student has basic legal knowledge in the field of running a business.  |                                     | [SW1] Assessment of factual knowledge   |            |     |
|   | [K6_U10] can apply the current legal status in the field of standards, regulations and laws in the field of geodesy and selected regulations from related industries  |  | The student is able to search for and apply current legal acts in the field of geodesy and cartography.                        |                                     | [SU2] Assessment of ability to analyse information  |            |     |
|   | [K6_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems in a social environment  |  | The student is able to present legal solutions related to the profession of a surveyor.  |                                     | [SU3] Assessment of ability to use knowledge gained from the subject                                  |            |     |
|   | [K6_W08] has basic legal and geodetic knowledge and understands the concepts necessary to carry out tasks related to land and building registry, spatial planning and real estate management referring to the production of maps and elaborations for legal purposes including delimitation and subdivision as well as preparation and circulation of geodetic documents in the process of carrying out investments |  | The student knows the type and scope of geodetic and cartographic studies and surveying activities applicable in construction. |                                     | [SW1] Assessment of factual knowledge   |            |     |

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| Subject contents   | Selected issues from the "Geodetic and Cartographic Law" Act, including the organization of the geodetic and cartographic service in Poland. Geodetic and Cartographic Documentation Centers: district, voivodeship and central - principles of their operation (organizational, technical and financial). Reporting geodetic and cartographic works. Type and scope of geodetic and cartographic studies and surveying activities applicable in construction. Professional qualification to perform independent functions in the field of geodesy and cartography. Selected issues from the Construction Law and accompanying regulations, including: issues related to plot/area development projects, rules for locating new buildings on plots, facilities requiring a building permit and facilities requiring an as-built inventory. Selected issues from the Act "On Spatial Planning and Development", in particular the role and content of the local spatial development plan. Rules for determining requirements for new development and land development in the presence and absence of a local spatial development plan. The procedure for conducting a small construction investment and accompanying surveying documents. |   |                               |
| Prerequisites and co-requisites                                |  |   |                               |
| Assessment methods and criteria                                | Subject passing criteria   | Passing threshold   | Percentage of the final grade |
|  | Presentation   | 60.0%   | 40.0%                         |
|  | Test   | 60.0%   | 60.0%                         |
| Recommended reading  | Basic literature   | <p>1. Sikora A: Surveyor's legal handbook 2019, GALL publishing house, Katowice 2019 (or newer)</p> <p>2. List of legal acts from the website of the Central Office of Geodesy and Cartography, "Powers" tab</p> <p>3. Current texts of acts from the Sejm website - Internet System of Legal Acts isap.sejm.gov.pl</p>   |                               |
|  | Supplementary literature   | <p>1. ACT of May 17, 1989, Geodetic and Cartographic Law, as amended. died</p> <p>2. ACT of June 14, 1960 - Code of Administrative Procedure, as amended. died</p> <p>3. ACT of July 7, 1994 Construction Law, as amended. died</p> <p>4. ACT of August 21, 1997 on real estate management, as amended. died</p> <p>5. ACT of March 27, 2003 on spatial planning and development, as amended. died</p> <p>6. Regulation of the Minister of Development of July 28, 2020 on professional qualifications in the field of geodesy and cartography, as amended. died</p> <p>7. REGULATION OF THE MINISTER OF INFRASTRUCTURE of April 12, 2002 on the technical conditions to be met by buildings and their location, as amended. died</p> |                               |
|  | eResources addresses   | <p>Podstawowe</p> <p><a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=35075">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=35075</a> - Addresses on the eNauczanie platform</p> <p>Uzupełniające</p> <p>Adresy na platformie eNauczanie:</p>  |                               |
| Example issues/<br>example questions/<br>tasks being completed | Describe the conditions and rules of access to the land by a surveyor when performing surveying work. Describe the principles of investment (stages, legal regulations).   |   |                               |
| Work placement   | Not applicable   |   |                               |