



## Subject card

Subject name and code	Thesis Seminar , PG_00040006						
Field of study	Geodesy and Cartography						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
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			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Geodesy -> Faculty of Civil and Environmental Engineering						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Mariusz Figurski				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	21.0	21
	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	21		6.0		24.0	51
Subject objectives	The aim of the diploma seminar is for the student to: possessed technical and organizational information necessary for the implementation and timely completion of the diploma thesis preparation process, was able to look for useful sources of information, be able to work in accordance with the agreed schedule, complied with the rules of ethics in the performance of work.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_U82] is able to proficiently obtain and process information related to field of study and academic environment in foreign language at B2+ level of the Common European Framework of Reference for Languages (CEFR)	The student is able to obtain information from various sources without infringing copyright. Has the ability to communicate correctly in English in relation to the field of geodesy and cartography			[SU5] Assessment of ability to present the results of task [SU3] Assessment of ability to use knowledge gained from the subject		
	[K7_K02] recognizes the importance of knowledge in solving cognitive and practical problems	Understands the need to formulate and communicate the achievements of technology and other aspects of engineering activities in a commonly understood manner.			[SK5] Assessment of ability to solve problems that arise in practice [SK2] Assessment of progress of work		
	[K7_K03] is ready to fulfil the the social obligations	Feels the need to update knowledge, understands the need for personal behavior, adheres to the principles of ethics, avoiding the phenomenon of plagiarism			[SK4] Assessment of communication skills, including language correctness [SK5] Assessment of ability to solve problems that arise in practice		
	[K7_U11] can elaborate scientific report within geomatic and geoinformatics	Can propose methods, techniques and tools appropriate to solve the problem identified in the thesis			[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools		

Subject contents	<p>General characteristics of the purpose and subject of the seminar classes. Requirements for passing the seminar. Characteristics require formal and content-related master's theses, resulting from the legal regulations in force at the faculty. Presentation by students of assigned tasks for master's thesis. Discussion on the topics of work, formulated goals and identification of problems that need to be considered in the work. Discussion of the principles of creating the structure of the master's thesis, including the principles of separating chapters and their order. Discussion of the principles of building a complete work plan, including: introduction, chapters, conclusion and lists: tables, figures, charts, bibliography and attachments. Editing rules for introduction and conclusion. Overview of the principles of obtaining source materials and their quoting, as well as the principles of generating footnotes and compiling a list of literature. The issue of plagiarism and copyright protection. Overview of the principles of presentation, description and inference of tabular and graphic sets. Forms of graphic presentations (charts, diagrams, diagrams, drawings, photos). The discussion requires the editorial and linguistic aspects of the work, including: layout of the work and text, rules of using abbreviations and symbols, correct-stylistic and linguistic text - methods of checking it, editing the title page, creating a table of contents and the way of binding the work. Presenting selected fragments of diploma theses by students. Discussion of problems arising during their development. Overview of the principles of building a multimedia presentation. Develop a presentation for your own work. Presentation of master's theses by students with the use of prepared multimedia presentations.</p> <p>Passing the seminar. Students' own work: Basic rules related to the methodology of writing diploma theses. Defining the research issues and the subject of the work. Thesis plan. Concept of work. Formulate goals and work research questions. Formulating the topic of work. Techniques of searching for literature on the subject i sources. Technique of writing a job. Independent study of the subject literature. Collecting and organizing materials source. Construction of the work. Presenting particular concepts, topics, solving research problems and technical. Solving problems occurring in the process of preparing a thesis, searching and organizing source materials, archiving, avoiding content-related and stylistic errors, as well as plagiarism. Presentation of part of the work. Correction. Full text presentation. Final correction. Preparation for the defense of the thesis.</p>														
Prerequisites and co-requisites	Having the knowledge, skills and competences to undertake the diploma thesis.														
Assessment methods and criteria	<table border="1" data-bbox="448 871 1487 1032"> <thead> <tr> <th data-bbox="448 871 794 902">Subject passing criteria</th> <th data-bbox="794 871 1141 902">Passing threshold</th> <th data-bbox="1141 871 1487 902">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 902 794 958">Observation of the preparation of work by the student</td> <td data-bbox="794 902 1141 958">30.0%</td> <td data-bbox="1141 902 1487 958">45.0%</td> </tr> <tr> <td data-bbox="448 958 794 992">Preparation of work by the student</td> <td data-bbox="794 958 1141 992">20.0%</td> <td data-bbox="1141 958 1487 992">30.0%</td> </tr> <tr> <td data-bbox="448 992 794 1032">Discussion at the seminar</td> <td data-bbox="794 992 1141 1032">25.0%</td> <td data-bbox="1141 992 1487 1032">25.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Observation of the preparation of work by the student	30.0%	45.0%	Preparation of work by the student	20.0%	30.0%	Discussion at the seminar	25.0%	25.0%
Subject passing criteria	Passing threshold	Percentage of the final grade													
Observation of the preparation of work by the student	30.0%	45.0%													
Preparation of work by the student	20.0%	30.0%													
Discussion at the seminar	25.0%	25.0%													
Recommended reading	<table border="1" data-bbox="448 1039 1487 1906"> <tbody> <tr> <td data-bbox="448 1039 794 1756">Basic literature</td> <td colspan="2" data-bbox="794 1039 1487 1756"> <p>Wojcik K., Piszę akademicką pracę promocyjną licencjacką, magisterską, doktorską ,Wydawnictwo Wolters Kluwer Polska, Sp. z o.o., Warszawa 2012.</p> <p>Zenderowski R., Praca magisterska, CeDeWu Sp. z o.o., Warszawa 2007.</p> <p>Wojciechowski T., Jak pisać prace dyplomowe, licencjackie i magisterskie, Wydawnictwo Wyższej Szkoły Zarządzania i Marketingu, Warszawa 1999.4.</p> <p>Rawa T., Metodyka wykonywania inżynierskich i magisterskich prac dyplomowych, Wydawnictwo Akademii Rolniczo-Technicznej, Olsztyn 1999.</p> <p>Żółtowski B., Seminarium dyplomowe. Zasady pisania prac dyplomowych, Wydawnictwo Akademii Techniczno-Rolniczej, Bydgoszcz, 1997.</p> <p>Ordinance of the Rector of GUT No. 22/2018 of June 20, 2018 on the introduction of guidelines for authors of diploma theses ...</p> </td> </tr> <tr> <td data-bbox="448 1756 794 1792">Supplementary literature</td> <td colspan="2" data-bbox="794 1756 1487 1792">Conditioned by the subject of the master's thesis.</td> </tr> <tr> <td data-bbox="448 1792 794 1906">eResources addresses</td> <td colspan="2" data-bbox="794 1792 1487 1906">           Adresy na platformie eNauczanie:            Seminarium dyplomowe Geodezja II stopień - Nowy - Moodle ID: 21705  <a href="https://enauzanie.pg.edu.pl/moodle/course/view.php?id=21705">https://enauzanie.pg.edu.pl/moodle/course/view.php?id=21705</a> </td> </tr> </tbody> </table>			Basic literature	<p>Wojcik K., Piszę akademicką pracę promocyjną licencjacką, magisterską, doktorską ,Wydawnictwo Wolters Kluwer Polska, Sp. z o.o., Warszawa 2012.</p> <p>Zenderowski R., Praca magisterska, CeDeWu Sp. z o.o., Warszawa 2007.</p> <p>Wojciechowski T., Jak pisać prace dyplomowe, licencjackie i magisterskie, Wydawnictwo Wyższej Szkoły Zarządzania i Marketingu, Warszawa 1999.4.</p> <p>Rawa T., Metodyka wykonywania inżynierskich i magisterskich prac dyplomowych, Wydawnictwo Akademii Rolniczo-Technicznej, Olsztyn 1999.</p> <p>Żółtowski B., Seminarium dyplomowe. Zasady pisania prac dyplomowych, Wydawnictwo Akademii Techniczno-Rolniczej, Bydgoszcz, 1997.</p> <p>Ordinance of the Rector of GUT No. 22/2018 of June 20, 2018 on the introduction of guidelines for authors of diploma theses ...</p>		Supplementary literature	Conditioned by the subject of the master's thesis.		eResources addresses	Adresy na platformie eNauczanie: Seminarium dyplomowe Geodezja II stopień - Nowy - Moodle ID: 21705 <a href="https://enauzanie.pg.edu.pl/moodle/course/view.php?id=21705">https://enauzanie.pg.edu.pl/moodle/course/view.php?id=21705</a>				
Basic literature	<p>Wojcik K., Piszę akademicką pracę promocyjną licencjacką, magisterską, doktorską ,Wydawnictwo Wolters Kluwer Polska, Sp. z o.o., Warszawa 2012.</p> <p>Zenderowski R., Praca magisterska, CeDeWu Sp. z o.o., Warszawa 2007.</p> <p>Wojciechowski T., Jak pisać prace dyplomowe, licencjackie i magisterskie, Wydawnictwo Wyższej Szkoły Zarządzania i Marketingu, Warszawa 1999.4.</p> <p>Rawa T., Metodyka wykonywania inżynierskich i magisterskich prac dyplomowych, Wydawnictwo Akademii Rolniczo-Technicznej, Olsztyn 1999.</p> <p>Żółtowski B., Seminarium dyplomowe. Zasady pisania prac dyplomowych, Wydawnictwo Akademii Techniczno-Rolniczej, Bydgoszcz, 1997.</p> <p>Ordinance of the Rector of GUT No. 22/2018 of June 20, 2018 on the introduction of guidelines for authors of diploma theses ...</p>														
Supplementary literature	Conditioned by the subject of the master's thesis.														
eResources addresses	Adresy na platformie eNauczanie: Seminarium dyplomowe Geodezja II stopień - Nowy - Moodle ID: 21705 <a href="https://enauzanie.pg.edu.pl/moodle/course/view.php?id=21705">https://enauzanie.pg.edu.pl/moodle/course/view.php?id=21705</a>														
Example issues/ example questions/ tasks being completed															
Work placement	Not applicable														