Type of programme: full-time master 3-semesters with no of hours /week and $\ensuremath{\mathsf{ECTS}}$

No.	Course	Sem. I				Sem. II				Sem. III			
	I - lecture, e - exercices, p - project, E - exam	I	е	р	ECTS	ı	е	р	ECTS	I	е	р	ECTS
	General courses including humanities and econom	ics, a	nd m	ajor f	or the	e fielo	l of e	ducat	ion		-		
1	Facultative class 1: Conflict Situations – Possibilities of Their Development, Negotiations					2			2				
2	Facultative class 2: Public Relations and Advertising in Contemporary World									2			2
3	Facultative class 3					1			1				
4	Professional foreign language										2		1
	Basic course	s											
5	Hazards and Protection of the Earth Surface /E	1		2	4								
6	Environmental Monitoring	2			3								
7	Spatial Management in Rural Areas /E	1		2	4								
8	Landscape Planning	1		2	4								
9	Theory of Organisation and Management					2			2				
	Profiled cours	es											
10	Environmental Development Planning and Management in the EU	1			2								
11	Regional Politics and European Law in Spatial Management /E	2			2								
12	Town Planning in European Union Countries		2		2								
13	Territorial Marketing									1			1
14	Business Models									2			2
15	Regional Planning	1		1	2								
16	Legislative Techniques in Planning					2			2				
17	Revitalization of Devastated Areas	1		2	3								
18	Modelling in Spatial Management							1	2				
19	GIS Technologies	1		2	4								
20	Cartographic Modelling /E					1		2	3				
21	Remote Sensing in Spatial Management							2	2				
22	Facultative class 4					2			2				
23	Facultative class 5					1			1				
20	Specialization co	urses		I		<u> </u>	L	L	<u> </u>				
24	Remote Sensing of Environment									1		1	3
25	Environmental Assessment /F					1		1	2				-
26	Threats and Protection of Urban Ecosystems					1		3	3				
20	Mineral Persources Managing /F					-		2	2				
21		-	-	-				4	3		-		
28	Property valuation for Spatial Management/E	<u> </u>		 		1	1	Z	4				
29	Graduate Seminar SUGP						1		1		1		1
30	Diploma work												20
	TOTAL	11	2	11	30	15	2	13	30	6	3	1	30

General courses

General Course	5
Facultative class 3: Ecoinnovations in Companies	Effects of eco-innovative activities: impact on the competitive position of enterprises, e.g. in the form of reducing energy consumption costs, improving working and himp conditions, reducing pollutant emissions. Pro-acological activities as an important problem due to the still unsatisfactory condition of the environment in Poland, e.g. air and vater pollution. Adaptation to EU regulations and initiatives to improve the quality of the natural environment, reduce the emissions of the economy, increase the share of renevable energy and build a bioccommy. Activities in the sites of resource-efficient and less emission producing policy and the environment in Poland, e.g. individual stages of business processes (production, logistics, weate management, etc.) and cooperation with other entities (e.g. supplies), and also including care for the natural environment in the mission. Synergic interaction of different types of eco-ienovation and living conditions, resulting, inter alia, from from maintaining the good condition of the natural environment with the simultaneous development of enterprises.
Facultative class 3: Environmental economics	Connecting the socio-economic system with the environment, economic and social effects of environmental pollution, costs of use and environmental protection, effects of implementation of projects in environmental protection policy, legal and administrative instruments in environmental protection policy, legal and administrative instruments in environmental protection protection environment, financing of environmental protection projects, social instruments in environmental protection, basics of environmental protection projects, social instruments in environmental protection, basics of environmental management services environmental management systems in the enterprise and commune.
Basic course	S
Hazards and Protection of the Earth Surface 1060-GP000-MSP-1011	Lecture: Legal basis for the protection of the Earth's surface the environmental protection (European) threats, local threats (occurring in Poland). Case studies of local threats in Poland. Causes and consequences of threats. Ways to protect endegreed resources, including through legal and administrative instruments, financial resources, scientific and directs of the size mentioned transfer threats. Highlighting the tode of polaries and planning in the protection of the Earth's surface. Project: Selected threats to the Earth's surface recognized as the most important in the work. Interpretation of threats and planning in the protection of the Earth's surface. Project: Selected threats to the Earth's surface recognized as the most important in the work. Interpretation of threats and threats, and the Earth's surface. The Earth's surface to a sub-mentioned threats, as well as ways of eliminating them. The importance of spatial planning in the protection of the Earth's surface to a spatial planning in the protection. Practical solutions related to the protection of the Earth's surface used on a local scale in workplaces or institutions.
Environmental Monitoring 1060-GP000-MSP-1004	Decusion of the principles of monitoring the qualitative and quantitative state of the environment in Peaka, primarily based on the State Environmental Monoting (SEM) system in relation to the European Commission. In this regard, the sources and causes of environmental Politon, its current qualitative and quantitative status as well as quality indicators are discussed. The lectures include: Fundamentals of environmental monitoring. definitions, legit equilations, and and tasks, operational diagram, measurement network, quality indicators and evaluation / classification system. Organization of the monitoring of the natural environment in Poland in the national, environmental monitoring of air quality (the amount and variability of entissions and immissions in Poland against the international programs – EMEP. Roke VI VIVIO), air protection program. Monitoring of and quality (Monotring of Politika Birds, Monitoring of species and natural habitats, Monitoring of forests, Integrated assessments of the state of the natural environment) in connection with European monitoring. Monitoring of the accussic climate. Instruits division for the presention of the qualitative and quantitative state of individual components of the environment. There are also presented statistical methods of processing the results of the scheroment. There are also presented statistical methods of processing the results groundwater, rainwater, air and soil.
Spatial Management in Rural Areas 1060-GP000-MSP-1003	Lecture: Safetted agricultural and anangement works as an element of chaping gapes in rural areas in Poland and in selected European Union countries. The role of the local spatial development plan in the eras subject to arrangement and agricultural works. The process of dividing agricultural real estates, merging and dividing real estates as well as merging and dividing real estates as tools for shaping land for development (mainly housing) in areas excluded from agricultural and forestry production. Fundamentals of forest land management, in particular the freets management plan and the simplified forest management plan, regulation of the agro-forest border.

	Project: The use of Project-Based Learning (PBL), where students develop comprehensive design solutions for the research area, both taking into account the ownership and spatial structure of plots, as well as landscape aspects, analyzed for the same research area within the subject of Shaping landscape, using the additional knowledge gained in other subjects and during the medianing with residents and field inventory. The detailed content of the project is: 1. Analysis of the ownership, spatial structure and use of registration plots on the basis of materials obtained from geodetic and cartographic resources. 2. Initial assessment of the current state. 3. Getting to know the problems of spatial management in a selected commune during a meeting with employees of the commune office, councilors and other interested people. Inventory of the use, investment status and development of research facilities in the field. Development of an u-to-date map of use and photographic documentation based on field work 5. Development of the concept of the functional and spatial division project for the selectual area (precinct), taking into account the available data and local needs. Proposing remedial tools for the spatial structure and governance structure that will allow for rainolan, respecting the principies of sustainable development, development of the area. 6. Discussion on the solutors used in the projects in a group of abuets, and then projects and discussion with the resident Participation of students in meetings with residents not only allows for to communication the source place with residents with residents not only allows for the constructure of the area. 6. Discussion on the solutors used in planning (especially when changing the function of the area).
Landscape Planning 1060-GP000-MSP-1002	Factual content – series of lectures: The definition and the scope of the notion of the term landscape [®] The protection, management and planning of the landscape The landscape and legal regulations. The tools of the Landscape Act The landscape as a heritage How to read the landscape. How to build up local identity, The cultural landscape of and up and legal external cultural landscapes of the 10th to 16th Centures Historical cultural landscapes of the 17th and 18th Centuries Cultural landscapes of the 19th and 20th Centuries. The green infrastructure of cities. The structure and cogarization of the landscape How landscape study of a chosen area. They carry out an analysis of selected documents with regard to principles of landscape protection, landscape planning and landscape management. They carry out an invertory of the landscape resources through fieldwork. The students identify and analyse landscape, values, mitoria cultural use, natural environment values, assistic and value values, symbolic values of the landscape). They work out guidelines for shaping the landscape of the territory.
Theory of Organisation and Management 1060-GP000-MSP-2007	Basic concepts: the essence of management, types, functions of management, management and leadership. Evolution of organisational and management theory. Plenning, types of planning (cattalec), tactical, business plans, causes of failure in planning: organizational structures – models and parameters of organisational structures. Human resources management – hims employees, midwaling employees. Case studies successes and failures of managers in the management of companies.
Profiled o	20URSES 1. First lecture. General introduction to the subject 2. Second lecture. Features of space in
Environmental Development Planning and Management in the EU 1060-GP000-MSP-1013	the EU 3. The third lecture. The structure of space in the EU 4. Fourth lecture. Economic rational-influencing management space in the EU 5. Fifth Lecture. The role of spatial planning as a control instrument development in the EU 6. Lecture six. The concept and structure of spatial management in the EU 7. Basic problems included in spatial management in the EU 8. Final test TUTCPUN 5. As part of the curvature structure process a space and a presentation on a
Regional Politics and European Law in Spatial Management 1060-GP000-MSP-1014	Including and the instruction of the average of the source of the content of the source of the so
Town Planning in European Union Countries 1060-GP000-MSP-1010	A comprehensive analysis of urban regeneration and development projects from individual EU countries. The scope of analysis includes in particular the following issues: 1) Project initiation - reason' basic objectives; 2) Actors and their nels; 3) Form of governance - complexity of structures' interdependence' cooperation' coordination; 4) Urban design - links to city structures' environmental' historical conditions' etc.; 5) Project implementation process - role of mediation and its thematic scope; 6) Sources of funding; 7) Spatial development method - e.g. private/municipal and development. cooperation with local government, etc., 8) Spatial planning system - regulation' informality; 9) Other conditions
Territorial Marketing	Functional and spatial concept for the selected option (issues compliant with the Act on spatial planning and development
1060-GP000-MSP-3010 Business Models	The student shall develop plans and diagrams illustrating the adopted concept.
Regional Planning 1060-GP000-MSP-1015	LECTURES: The content of the lectures includes, inter alia, the concepts of regional planning in spatial management, the scope of volvodship spatial development plans, the scope of the violoship development strategy, the administrative and statistical division of the country on the sourcite of the Mexowardse volvodship, NUTS classification. European presentation on a selected topic related to planning at the violodship level, e.g. comparison of the documents of the applicable volvodeship development strategy of selected volvodeships, comparison of spatial development plans of selected volvodeships, comparison of the violodship statial development plans of selected volvodeships, comparison of the violodship statial development plans of the violodship development strategy. The report should include, inter alia, the purpose of the work, the legal basis of the discussed documents, comparison of the structure and scope of the content of the documents, reference to the document implementation monitoring system, evaluation of cartographic and graphic studies being part of the documents.
Legislative Techniques in Planning 1060-GP000-MSP-2006	1)Basic concepts of law – law, legal norm and its types, provision and norm, legal relationship; 2)Law-making process, building a normative act, the law-making process in Poland: 3)Constitutional sources of an exact source of internal law; 4)The concept of local law act; 5)Publication of legal acts, including local law acts, 9)Ene process of nancing the local law acts, 7)Basic projects of a set submitting law and sources of internal law; 4)The concept of local law act; 5)Publication of legal acts, including local law acts, 9)Ene process of nancing the local law acts, 7)Basic projects of an exact project of local law acts, 900 and 100 a
Revitalization of Devastated Areas 1060-GP000-MSP-1016	LECTURES: 1. Introduction and introductory issues. The concept of revitalization in spatial planning, Motives for undertaking the revitalization problem. Explanation of the basic concepts and definitions (degraded land, devisated land, reclamation, revitalization). Legislation on brownfields and brownfields. The scale of degradation of areas in Poland. Environmental degradation in urban areas. Classification of degradate areas areas (post-industrial areas, post-military, post-rail and post-post areas, degraded urban areas). Exosephibility of different types of areas to different types of degradation. The process of revitalization of devisated areas. Restrictions on transformations and revisitation of degradad areas. Forms of further use of post-industrial areas. 2. Selected aspects of nature in the revisitation process. Ecological balanco. Legal acto environment in industrial regeneration. Ecological balanco. Legal acto and areas. Barries to the development of new functions in post-industrial areas. Selected areas. Extinges to the development of new functions in post-industrial areas. Selected examples of post-industrial areas adaptation (Polish and foreign examples).
	PROJECTS: The projects classes consist of two projects. Students carry out projects: 1. Analysis and detailed assessment of a selected project to revitatize a degraded area. 2. Study of a posi-industrial area located in a nutron area with the proposed concept of revitalization and development. Analysis of the environmental conditions of the area. The reclamation and development of a degraded area is presented. During the presentation, problems related to the revitalization of post-industrial areas in cities will be presented. The classes use the e-learning form of remote education (MS Teams platform).
Modelling in Spatial Management 1060-GP000-MSP-2004	1. Basic concepts of modeling, simulation and forecasting; 2. Econometric modeling, types of accomentric models, regression modeling; 3. Indicators of the concreteries of the selection of the econometric model: not many square error, coefficient of determination, corrected coefficient of determination, 4. The basics of forecasting: types of inference soportion in the econometric model in the many strain the selection of the econometric or determination. If the econometric is and one strain the selection of the econometric or determination of the econometric modeling in the selection of the econometric model in the selection of the econometric methods: mathematical and one strain as forecast of the financial effects of the local development plan and the use of econometric modeling in its implementation. 9. The use of numerical taxonomy and machine learning methods in forecasting changes in the value of planning space.

GIS Technologies 1060-GP000-MSP-1008	LECTURE: Revision of concepts in the field of GIS and GIS technology. 3D GIS, 3D data sources, 3D data acquisition and 2D to 3D data transformation. Methodogy of solving tasks in the field of land suitability analysis. Tools and algorithms for 3D spatial analysis, introduction to modifing using GIS, generating various scenarios and forecasts in solving current problems and meeting socio-economic needs. Standardization of the results of spatial analysis, Generating various databases, defining and controlling topological rules. Introduction to network analysis, data sources for selected types of networks, review and examples of applications of selected network analysis algorithms, PROJECT: Project 1: The use of GIS technology to assess the attractiveness of city space (visibility analysis criteria for ad shading analysis using 3D data and 3D spatial analysis algorithms. The project is carried out individually. Project 2: Determining the location of elements of urban infrastructure with the use of multi-criteria spatial analysis and network analysis. Activate of evaluation and evaluation of infrastructure elements and comparing the obtained results, including the location of infrastructure elements and comparing the obtained results, including the location of infrastructure elements and comparing the obtained results, including the location of infrastructure elements and comparing the obtained results, including the location of infrastructure elements and comparing. Project implemented in project groups.
Cartographic Modelling 1060-GP000-MSP-2003	LECTURE: 1) Concept and issues of carlographic modeling. Stages of carlographic modeling. Data selection, conceptual model development, database organization, data processing and analysis, cardographic presentation: Carlography as a model of selected aspects of reality, INSPRE technical guidelines for lind use as a model of selected aspects of reality, INSPRE technical guidelines for lind use documents: 2) Backs: of spatial data analysis and geographic information modeling. Spatial autocorrelation. Nieghboring relation for vector and rater data. Methods for analyzing the distinution of geographic clipics and the value of attributes of geographic information. LAB: Development of planning data in the GIS following the INSPIRE technical guidelines and the Paliak, evaluation and tates relation and uses a function and spatially smoched risk. Spatial autocorrelation analysis, her dust regulation, the evalue of attributes of geographic information. LAB: Development of planning data in the GIS following the INSPIRE technical guidelines and the Paliak, evaluation and model selection, Interpretation of the relative relative providence, analysis and the CLS and GWR regression model, evaluation and model selection, Interpretation of the obtained results. Probabilistic interpolation by the kriging method. Application of multi- citerias analysis methods based on the exceedance relationship for discrete problems. The classes use the eleming form of remote education (MS Teams platform and Moodle ePW platform).
Remote Sensing in Spatial Management 1060-GP000-MSP-2019	Particular exercises included in the course form a sequence of stages of selecting, obtaining and processing optical and thermal remote sensing data into the form of thematic information layers and cover the following foots: 1. Availability of remote sensing data. review of vebsites that provide remote sensing data, open remote sensing data, types of available satilities into a products and their analysis for the aim of their subsequent processing. 2. The use of optical images in spatial planning - Codor composites, proper selection of spectra bands and mathematic standard and interpretation of the selected phenomenon with the use of satellite images. Assessment of the subsequent of various codor composites, incl. the purposed of determing waters bypes of land cover / land use, determining the share of biologically active surfaces, the share of impermative thematic layer of land cover / land use using the supervised displacement (selection of training fields, assessment of the surfaces, the share of momental layer of land cover / land use using the supervised displacetion of the calestication displation, selection of spectral bands, accuracy assessment postprocessing, development of catographic visualization: selection of the moletter color, reparts of a langent, conversion from rater to various, spectral indices. 3. Application of theme spectro assessment - Analysis of the surface temperature, - acolucation of the intensity of the surface urban heat island. Exercises are conducted in TerrSet / IDRISI, ERDAS Imagine, ArcGIS or QGIS software.
Facultative class 4 Multicriteria Analyses in Geographic Information Systems	LECTURE: Introduction to the multi-criteria analyzes in the geographic information systems.2. Basic methods, elements, and stages of multi-criteria analysis in GIS 3. Examples of applications and adultions - based on Polish and foreign literature (discussions): a) spatial aspects and the use of geographic information systems in multi- criteria analysis; b) multi-criteria spatial analysis with the group of decision-makers participation - support for social participation, c) applications, approaches, and methods.
Facultative class 4: Physical Geography of Poland	Structure and geological past of Poland. The genesis of the terrain. Characteristic isoutforms. Solie and heir distribution in Poland. Solitone and groundwater. Climate Politol, Vegetation. Solie and heir distribution in Poland. Solitone and groundwater. Climate Politol, the natural evolution and geological past of Poland. The genesis of the terrain reliad. Characteristics landforms. Solis and their distribution in Poland. Surface and groundwater. Polish climate. Vegetation - potential and actual. Polish fauna. Links between individual components of the natural environment. Physical-geographical division of Poland. Overview of selected lands in Poland.
Facultative class 5: Applications of remote sensing techniques in spatial management	The course lecture covers the following topics: 1 introduction to the course. Basic issues in the field of acid and statile menote saming. A synthetic review of remote saming technologies in the cortext of their use for spatial planning. 2. Availability of photogrammetric and remote sensing data: a Data from the state geodetic and carlographic resource and their characteristics: b. Open remote sensing data and their applicabilities of using Ocpernicus data in spatial management. Available databases on land cover / land use created with the use of remote sensing data. d. Remote sensing data (statellite and aerial) available on a commercial basis and ordering. e. Types of available products - processing levels of optical satellite data.
Facultative class 5: Forecasting of Financial Consequences of Adoption of Local Zoning Plans	Place and significance of the forecast of the financial effects of the enactment of the local spatial development plan in the shaping of the spatial policy by the municipality. Objective and scope of the lorecast of financial effects of the enactment of the local spatial development plan. Logal basis for the study. Substantive data sources. Substantive strengtheness of the lorecast of enactment on Description of the property side. Principles and the local spatial basis is not the study. Substantive data sources. Substantive strengtheness of the local spatial basis of the strength side basis. Principles and real estate value, - betterment levies due to division of land property betterment levies due to consolidation and division of land property betterment levies due to consolidation and division of land property betterment levies due to consolidation and division of land property betterment levies due to consolidation and division or land property betterment levies due to consolidation and division or costs of implementing local public purpose investments costs related to planning claims costs of implementing local public purpose investments in the field of technical infrastructure. Balance of financial effects of plan enactment. Jouring loctures, if will be present practical tasks for the determinition of selected income and costs of the municipality resulting from the provisions of the plan.
Remote Sensing of Environment 1060-GPSUP-MSP-3012	IFISES Lecture 1. Remote sensing data as an information source for the inventory of the current state of land cover / land use, inventory of topographic and environmental objects. European and global projects which study land cover changes. 2. Pervabilises of using photogrammetric and remote sensing data in urban planning. Monitoring of urbanized areas and change detection, urban and urual development, assessment of the level of expansion and development of cities in Europe and in the work1. MCLAND, MURBANDY and Urbanktus projects. 3. Remote sensing in monitoring, management and protection of the environment. Assessment of the condition of the environment, its degradation or improvement. A Remote sensing in adjust and forestry applications. Forest management plans versus aerial and satellite data. Planning the development of rural areas. 5. Vegation indices and sol indices as parameters of the quality of the environment. Satellar moments areas and its applications in environment and potection coale. 6. Hyperspectral remote sensing and its applications in environmental research.
	Project: The aim of the project is to perform an analysis of changes in the area / accosystem (selected by the students) using LANDSAT or Sentinel satellite data. Students, in small terms of 2.3 pecel, are tasked with: . defining the purpose of the task (e.g. analysis of land cover changes in in the years

Environmental Assessment 1060-GPSUP-MSP-2023	Lecture: Environmental Impact Assessment (EIA) system in Poland and Europea European Union Directives on ELA and Strategic Environmental Assessment (SEA). Supplementary Directives. Various types of EIA: projects, plans, strategies and programs, spatial planning, cociogical reviews, insignated permits. Competences of plans, strategies and / or programs. Methods used in EIA and SEA. ELA report. Decision on environmental impact Assessment of the investment. Environmental impact foresauts. Sources of information on spatial data and threats. Projects. Introduction to projects. nature of the impact analyzed in the EIA. Determining the scope of the EIA. The scope and content of the environmental impact assessment in the IA. The scope and content of the environmental impact assessment in port. Report samples. Description and content of the deviction of the investment. Environmental aspects with the use of a descriptive list. Assessment of indirect and second year of assessment of the selected investment - identification of significant environmental impact assessment in a report or forecast. Credit for projects. The optimal maps of assessment in a report or forecast. Credit for projects - communication and social discussion of the revisitor of environmental impact assessment variant. Environmental impact assessment in a report or forecast. Credit for projects - communication and social discussion of the revisitor of environmental issessment role and tasks of environmental issessions in planning and investment processes.
Threats and Protection of Urban Ecosystems 1060-GPSUP-MSP-2024	Lectures: The city as an accoystem. Ecosystems in the city, Functioning of ecological systems in uban accoystems. Ecosystem services. Contemporary threats to uture ecosystems climate change, uturatation, anthropponessure. The scale of degradation of Polish cities. Environmental protection issues in city programming. Sustainable socio- economic development in the functioning of urban ecosystems. Project: a case study of a selected city proparing competition entry for LE-NOTE Landscape Porum. Diagnoss of the condition and functioning of urban ecosystems. Project: a case study of selected city proparing competition entry for LE-NOTE Landscape Porum. Diagnoss of the condition and functioning of urban ecosystems with the socio-economic background. Identification of problem areas and ranking of threats to the natural, social and economic order. Determining the needs and potential for shaping the Green infratructure on the scale of the city, the selected housing estate and human scala. Formulang assumptions for the concept of green infrastructure on the three mentioned and economic order. Determining the results in the form of a lecture and discussion target with guidelines for strategic and planning documents oriented towards tis implementation. Presentation of the results in the form of a lecture and discussion during classes. Classes are conducted using the Project Based Learning (PBL) method.
Mineral Resources Managing 1060-GPSUP-MSP-2025	LECTURE: natural resources, minerals, micrals, notes, and mineralis, tastic and dynamic theory of mineral resources; basic terms used in geological and mining law, conversible of mineral deposits in Poland, concessions; geological information, geological survey in Poland, Polish Geological institute, state mining authority, other legal acts related to the exploitation of deposits, he impact of geology and mining on spatial planning; groundwaters and spatial management. CLASSES: estimation of the boundaries and resources of the lignite deposits based of borehole network; preparation of elements of the environmental impact assessment of lignite mining.
Property Valuation for Spatial Management 1060-GPSUP-MSP-2026	LECTURES - Introduction. Legal basis and procedure for property valuation - Planning zoning) feas and compression (actives - Valuation of real property for the purposes calculating betterment levies: o for the supply of technical infrastructure, o for the division of real property. doet to concostilation and division of real property. • Right of perpetual usuffuct: o Valuation of the right of perpetual usuffuct. O Revis perpetual usuffuct: Des. taking into account expenditures incurred by the perpetual usuffuctuary. o Transformation of the right of perpetual usuffuct. O Revis perpetual usuffuct des. taking into account expenditures incurred by the propetual usuffuctuary. o Transformation of the right of use. O Determination of the value of or valuations: o Determination of the right of use. O Determination of the value of o Determining the value of transmission assement and payment for in setablishment and payment for no-contractual use of real estate by transmission companies. • Determination of the value of the cooperative ownership right to the purposes of determination of the value of real estate by transmission companies. • Determination of the value of real estate by transmission companies. • Determination of the value of real estate by transmission companies. • Determination of the value of real estate by transmission companies.
	Solving of problems to demonstrate practical use of theoretical knowledge gained from lectures. PROJECT: Project consisting in the preparation of a valuation report based on the determined market value of an undewelpoel and property according to its permissible use before and after the introduction of (an amendment to) the local spatial development plan for the needs of calculating the planning (re-soning) flee. As part of the course students make a study with othe Municipal Spatial Planning and Development Strategy Department in Wasaw where they will gain practical knowledge on the implementation of ablequent stages of the forecast of knowled in the implementation of a boost development plan and on common issues encountered when preparing such forecast.
Diploma Seminar 1060-GPSUP-MSP-2027/ 1060-GPSUG-MSP-3004	Depending on the scope of the diploma thesis, deepening the Incoviedge on the selected topic, solutions to the main problems posed in the form of proposals for their solutions, the issues relate to the broadly understood environmental issues that determine the proper spatial development of the studied space. The proposed solutions must meet the basic goal, ie be consistent with the principles of Sustainable Social Development with the environment.
Diploma work 1060-GP000-MSP-3001	A student dong a matter's thesis is to demonstrate in-depth knowledge of basic theoretical and experimental knowledge in the field of spatial management and the ability to solve problems requiring the use of modern methods in the field of theoretical, research, computational and depointmental analyzes. The subject of the master's thesis may be in particular - performance of a research task in the field of study and specialization of analyzes, measurement, and analytical method, - study and design work on a specific problem, made on the basis of the state of throwledge and technology, with an independent analysis and procise conclusions. The master's thesis should contain, new results of analyzes, research, theoretical or computational research or a new solution to a given problem in the field of study. The diploma thesis in the form d'a design, computational, study or research study solud contain, mong others formatic, computational maintysce, theoretical or constructions. Its of interactive and materials task and purpose of the work, the diploma thesis in the form d'a design, computational, study or research study solud contain, anong others formation, computational maintysce, diverging and charts, computational, study or research, they are also and the state of howeledge, concept and assumptions for solving the task, solving the problem, e.g., through experimental research, computational maintysce, diverging and charts, conclusions, list of iterature and materials used in the work. The basic content is to diverge the state of howeledge and the charts of description of a scientific thesis 3. Charts analysis of the charts of a selected scientific discipline 5. Using modern IT database resources scientific.