



SZKOŁA GŁÓWNA
GOSPODARSTWA
WIEJSKIEGO

Study programme

Landscape Architecture under Climate Change

Faculty:	Faculty of Civil and Environmental Engineering
Level of study:	second cycle (post bachelor's degree)
Education profile:	General academic
Form of study:	full-time studies
Academic year:	2026/27

Table of contents

Basic information	3
Major characteristics	4
Learning outcomes	6
Study plan	8
Description of the learning outcomes assigned to the subjects and the curriculum content ensuring the achievement of these outcomes	15
Programme indicators	43

Basic information

Faculty name:	Faculty of Civil and Environmental Engineering
Major name:	Landscape Architecture under Climate Change
Level of study:	second cycle (post bachelor's degree)
Profile of study:	General academic
Form of study:	full-time studies
Duration of studies (number of semesters):	4
Number of ECTS required to complete the studies:	92
The number of ECTS points a student obtains during classes conducted with the direct participation of academic teachers or other persons conducting classes:	46
Professional title awarded to graduates:	magister
ISCED code:	0731
Language of study:	english

Assigning the major to the fields and disciplines to which the learning outcomes relate

Environmental engineering, mining and energy	54%
Architecture and urban planning	46%

Major characteristics

Major characteristics

The Landscape Architecture under Climate Change programme is interdisciplinary in nature, ensuring graduates possess comprehensive knowledge, skills, and competences necessary to function in a competitive job market and a knowledge-based society. This profile bridges the spatial design and planning competencies of Architecture and urban planning with the technical aspects characteristic of Environmental engineering, mining and energy. The curriculum focuses on the theoretical and practical aspects of creating resilient landscapes that adapt to dynamic environmental shifts across various geographical zones. It covers key areas of knowledge regarding nature-based solutions and sustainable design strategies intended to mitigate the effects of the climate crisis in both urban and rural contexts.

Learning objectives

The main objective is to prepare graduates to plan and design sustainable environments that are resilient to extreme weather events and long-term climate change as part of their work as landscape architects. By developing specialist knowledge in areas such as climate change mitigation and adaptation strategies, graduates are empowered to manage complex landscape transformation processes, collaborate within interdisciplinary teams, and solve global environmental challenges. Graduates are prepared to function effectively in a modern knowledge-based society and operate in the contemporary labour market.

Education concept

The Landscape Architecture under Climate Change programme is situated within the disciplines of Environmental Engineering, Mining and Energy, as well as Architecture and Urban Planning. The experience of the academic and teaching staff in these fields enables the preparation of graduates for conducting scientific research in the area of landscape architecture and related scientific disciplines.

The Landscape Architecture under Climate Change programme lasts four semesters. The thematic scope addressed during the course corresponds to the contemporary challenges faced by landscape architects and responds to global climate challenges, which include not only understanding the general trends of ongoing changes but also learning how to seek interregional solutions (through the borrowing of ideas and international partnerships). The educational concept assumes teaching 'about' and 'in' different geographical and cultural areas, both in a traditional form and in a 'physical' manner (a 4-week student exchange between partner research institutions, study trips organised by home units, and student participation in a summer school), as well as deepening this knowledge through modern blended-learning methods (mainly CBT), supported by a MOOC platform, where students have access to lecture content and teaching materials at any time. An important element of the programme is ensuring an international teaching staff - Visiting Professors representing different parts of the world, and thus the landscapes of various climate zones.

The curriculum includes: improving quality of life and supporting human well-being through blue-green infrastructure; building materials and plant species characteristic of various climate zones; advanced analytical methods for design work, with particular emphasis on identifying cultural values and cultural heritage across different countries; and the use of nature-based solutions to address problems resulting from climate change.

Additionally, it covers topics related to the circular economy and the shaping of inclusive, climate-resilient, biodiverse living environments. The multicultural academic staff and student groups help students develop soft skills, including interpersonal communication.

Description of work placement (if provided for in the study programme)

Graduate profile

A graduate of the Landscape Architecture under Climate Change programme:

Is a specialist in landscape planning and design in relation to environmental conditions across different climate zones. Through an understanding of the relationships between geographical, natural, social, and cultural factors, they are able to effectively address design challenges arising from climate change at multiple spatial scales.

Possesses advanced knowledge of environmental problems related to climate change and the mechanisms for addressing them, including mitigation and adaptation measures. They understand threats to biodiversity conservation and are prepared to respond to climate-related crises through the selection of appropriate technologies and materials, including nature-based solutions.

Analyses and interprets trends and dynamics of climate change within the design process, deliberately applying nature-based solutions while taking into account local spatial conditions, biodiversity, and species migration. They use vegetation and construction materials as tools for forecasting and shaping spatial responses to changes in thermal and hydrological conditions.

Is prepared to work in interdisciplinary design and research teams, undertaking complex design and expert tasks in landscape architecture, as well as contributing to the preparation of development planning and programming documents and engaging in social dialogue within the design process.

Collaborates effectively in interdisciplinary and multicultural teams, developing design and planning documentation together with specialists from other disciplines involved in the design process, while taking into account the socio-cultural conditions of landscape formation in different geographical contexts.

Advanced and critically employs digital tools in the process of landscape planning and design, including specialised systems for spatial and landscape analysis (e.g. GIS), integrating multi-source data for the purposes of diagnosis, forecasting, and informed design decision-making. They produce advanced 2D and 3D visualisations for analytical and expert presentation of design concepts.

Learning outcomes

Knowledge

Code	Content	PRK
LA_K2_W01	The graduate knows and understands the landscape conditions of different climate zones, having regard to the local flora and fauna	P7S_WG
LA_K2_W02	The graduate knows and understands geographical, natural, social and cultural conditions and the relationships between them in the context of landscape design	P7S_WG
LA_K2_W03	The graduate knows and understands the theories and causes of global climate change, including the risks posed by the phenomenon of plant and animal migration	P7S_WG, P7S_WK
LA_K2_W04	The graduate knows and understands nature-based solutions as environmental change adaptation and mitigation tools	P7S_WG
LA_K2_W05	The graduate knows and understands the principles of creating expert studies, planning and strategic documents (e.g. landscape protection plans and climate change adaptation strategies)	P7S_WG
LA_K2_W06	The graduate knows and understands the capabilities and limitations of the tools required to perform spatial and landscape analyses	P7S_WG
LA_K2_W07	The graduate knows and understands advanced, diverse landscape design methods and processes in different climatic zones and the implications of their application	P7S_WG, P7S_WK
LA_K2_W08	The graduate knows and understands the role of the landscape architect in shaping legal space on a global scale and the principles of functioning in an environment responsible for spatial order	P7S_WK
LA_K2_W09	The graduate knows and understands landscape research methods and principles of research, lying within the area of assigned scientific disciplines	P7S_WG
LA_K2_W10	The graduate knows and understands the current problems of civilisation that build the methodological basis of the landscape architect's work	P7S_WK
LA_K2_W11	The graduate knows and understands the requirements related to the protection of intellectual property in design and research activities in the field of landscape architecture	P7S_WK
LA_K2_W12	The graduate knows and understands the basic principles of setting up and developing different forms of entrepreneurship	P7S_WK

Skills

Code	Content	PRK
LA_K2_U01	The graduate can solve design problems arising from climate change on a local and global scale	P7S_UW
LA_K2_U02	The graduate can support the resolution of disaster emergencies by applying appropriate landscape architecture tools	P7S_UW
LA_K2_U03	The graduate can apply sustainable technologies and materials, including those based on nature, in their design work as tools to anticipate the potential consequences of climate change	P7S_UW
LA_K2_U04	The graduate can lead and interact in multicultural, interdisciplinary design and research teams developing complex design and expertise tasks in the field of landscape architecture	P7S_UO
LA_K2_U05	The graduate can carry out planning projects and studies, taking into account the specificity of the socio-cultural foundations of landscape design	P7S_UW

Code	Content	PRK
LA_K2_U06	The graduate can collect and analyse information on aspects of the natural, social, cultural, economic and legal environment in the design work of a landscape architect using scientific methods	P7S_UW
LA_K2_U07	The graduate can select scientific methods and formulate problems and test hypotheses related to the topic of landscape design	P7S_UW
LA_K2_U08	The graduate can communicate on specialised topics, including debating in a foreign language at B2+ level using specialised terminology in the area of study	P7S_UK
LA_K2_U09	The graduate can consider site specificity, biodiversity and species migration in the design process	P7S_UW
LA_K2_U10	The graduate can plan further professional and scientific development independently and to inspire others to do so	P7S_UU

Social competence

Code	Content	PRK
LA_K2_K01	The graduate is ready to evaluate the knowledge they possess critically and the content they receive, recognises the importance of knowledge in the professional life of a landscape architect and are prepared to consult experts	P7S_KK
LA_K2_K02	The graduate is ready to act in an entrepreneurial and responsible manner, to initiate actions in the public interest and to fulfil social obligations	P7S_KO
LA_K2_K03	The graduate is ready to contribute to the development of the profession and to uphold professional ethics within their role	P7S_KR

Study plan

Semester 1

In semester 1, students complete library training and a health and safety course on a platform available at <https://szkolenia.sggw.edu.pl>

Subject	Number of hours	ECTS points	Form of verification	Mandatory
OHS training	OHS training: 4	0	Pass	Obligatory subjects
Humanities and social science electives	Lecture: 30 Laboratory exercises: 30	4	Pass with grade	Mandatory group
The student chooses 2 elective courses.				
Environmental psychology and sociology	Lecture: 15 Laboratory exercises: 15	2	Pass with grade	Elective subjects
Social research in landscape architecture	Lecture: 15 Laboratory exercises: 15	2	Pass with grade	Elective subjects
History of landscape architecture	Lecture: 15 Laboratory exercises: 15	2	Pass with grade	Elective subjects
Selection and use of sustainable materials and technologies in landscape architecture	Lecture: 15 Laboratory exercises: 20 Field exercises: 10	4	Exam	Obligatory subjects
Sustainable planting plans in landscape architecture	Lecture: 15 Laboratory exercises: 20 Field exercises: 10	4	Exam	Obligatory subjects
Elective lecture	Lecture: 60, including remote classes: • Synchronous lecture: 60	4	Pass with grade	Mandatory group
The student chooses 2 elective courses.				
Responding to Environmental Challenges in Tropical Climate Zone: Building Resilience to Tsunamis, Coastal Hazards, and Hydro-Meteorological Disasters	Lecture: 30, including remote classes: • Synchronous lecture: 30	2	Pass with grade	Elective subjects

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Responding to Environmental Challenges in Temperate Climate Zone: Integrated Strategies for Floods, Wildfires, and Extreme Weather	Lecture: 30, including remote classes: • Synchronous lecture: 30	2	Pass with grade	Elective subjects
Responding to Environmental Challenges in the Subarctic Climate Zone: Ecosystem Degradation, Hydrological Instability, Biodiversity Loss, and Increased Exposure to Extreme Events	Lecture: 30, including remote classes: • Synchronous lecture: 30	2	Pass with grade	Elective subjects
Responding to Environmental Challenges in the Mediterranean Climate Zone: Heatwaves, Droughts, and Precipitation Variability	Lecture: 30, including remote classes: • Synchronous lecture: 30	2	Pass with grade	Elective subjects
Elective subjects	Lecture: 30 Laboratory exercises: 30	4	Pass with grade	Mandatory group
The student chooses 2 elective courses.				
Biodiversity in ornamental and cultural contexts	Lecture: 15 Laboratory exercises: 15	2	Pass with grade	Elective subjects
Nature-based Solutions: Historical Roots and Modern Applications	Lecture: 15 Laboratory exercises: 15	2	Pass with grade	Elective subjects
Value of trees	Lecture: 15 Laboratory exercises: 15	2	Pass with grade	Elective subjects
Temporary gardens	Lecture: 15 Laboratory exercises: 15	2	Pass with grade	Elective subjects
Modern monitoring technology for the natural environment on the local and object scale	Lecture: 15 Laboratory exercises: 15	2	Pass with grade	Obligatory subjects
Foreign language	Language course: 30	2	Pass with grade	Mandatory group
The student choose one course from an open list.				
English language	Language course: 30	2	Pass with grade	Elective subjects
German language	Language course: 30	2	Pass with grade	Elective subjects
Russian language	Language course: 30	2	Pass with grade	Elective subjects
Spanish language	Language course: 30	2	Pass with grade	Elective subjects

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Green Infrastructure. Theory and Application	Lecture: 15 Laboratory exercises: 30 Field exercises: 10	4	Exam	Obligatory subjects
Sum	389	28		

Semester 2

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Foreign language	Language course: 30	2	Pass with grade	Mandatory group
The student choose one course from an open list.				
English language	Language course: 30	2	Pass with grade	Elective subjects
German language	Language course: 30	2	Pass with grade	Elective subjects
Russian language	Language course: 30	2	Pass with grade	Elective subjects
Spanish language	Language course: 30	2	Pass with grade	Elective subjects
Design strategies for climate change adaptation and resilience	Lecture: 15 Laboratory exercises: 15	2	Exam	Obligatory subjects
Methods and tools in landscape architecture	Lecture: 15, including remote classes: • Synchronous lecture: 15 Laboratory exercises: 30, including remote classes: • Synchronous laboratory exercises: 30	4	Exam	Obligatory subjects
Biodiversity Oriented Studio	Lecture: 15, including remote classes: • Synchronous lecture: 15 Laboratory exercises: 30, including remote classes: • Synchronous laboratory exercises: 30	4	Exam	Obligatory subjects

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Mobility 1	Lecture: 30, including remote classes: • Synchronous lecture: 30 Laboratory exercises: 30 Project exercises: 30 Field exercises: 10	7	Pass with grade	Mandatory group
8 weeks				
Local initiative for climate change adaptation	Lecture: 30	2	Pass with grade	Obligatory subjects
Local initiative for climate change adaptation - studio	Project exercises: 60 Field exercises: 10	5	Pass with grade	Obligatory subjects
Intellectual property management	Lecture: 10, including remote classes: • Synchronous lecture: 10	1	Pass with grade	Obligatory subjects
Sum	260	20		

Semester 3

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Mobility 2	Lecture: 30 Laboratory exercises: 30 Project exercises: 30 Field exercises: 10	7	Pass with grade	Mandatory group
8 weeks				
Landscape Sensitive Masterplan	Lecture: 30	2	Pass with grade	Obligatory subjects
Landscape Sensitive Masterplan - studio	Laboratory exercises: 30 Project exercises: 30 Field exercises: 10	5	Pass with grade	Obligatory subjects
Nature based solutions in landscape architecture	Lecture: 15, including remote classes: • Synchronous lecture: 15 Laboratory exercises: 30, including remote classes: • Synchronous laboratory exercises: 30	4	Exam	Obligatory subjects

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Diploma seminar 1	Auditorium exercises: 30, including remote classes: • Synchronous auditorium exercises: 30	2	Pass with grade	Mandatory group
Diploma seminar 1	Auditorium exercises: 30, including remote classes: • Synchronous auditorium exercises: 30	2	Pass with grade	Elective subjects
Landscape Planning	Lecture: 15, including remote classes: • Synchronous lecture: 15 Laboratory exercises: 30, including remote classes: • Synchronous laboratory exercises: 30	3	Exam	Obligatory subjects
Sum	220	16		

Semester 4

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Diploma seminar 2	Auditorium exercises: 30	2	Pass with grade	Mandatory group
Diploma seminar 2	Auditorium exercises: 30, including remote classes: • Synchronous auditorium exercises: 30	2	Pass with grade	Elective subjects
Elective lecture	Lecture: 60, including remote classes: • Synchronous lecture: 60	4	Pass with grade	Mandatory group
The student chooses 2 elective courses.				
Landscape planning and management Challenges in Mediterranean Environments	Lecture: 30, including remote classes: • Synchronous lecture: 30	2	Pass with grade	Elective subjects
Resilience Strategies for planning and management in Subarctic Landscapes	Lecture: 30, including remote classes: • Synchronous lecture: 30	2	Pass with grade	Elective subjects

Subject	Number of hours	ECTS points	Form of verification	Mandatory
Resilience Strategies for planning and management in Temperate Climate Zone Landscapes	Lecture: 30, including remote classes: • Synchronous lecture: 30	2	Pass with grade	Elective subjects
Resilience Strategies for planning and management in Tropical Landscapes	Lecture: 30, including remote classes: • Synchronous lecture: 30	2	Pass with grade	Elective subjects
Elective subjects	Lecture: 15 Laboratory exercises: 15	2	Pass with grade	Mandatory group
The student chooses elective course.				
Landscape readings	Lecture: 15 Laboratory exercises: 15	2	Pass with grade	Elective subjects
Spatial Planning and Policy	Lecture: 15 Laboratory exercises: 15	2	Pass with grade	Elective subjects
Diploma studio	Diploma thesis: 0	20	Exam	Mandatory group
Diploma studio	Diploma thesis: 0	20	Exam	Elective subjects
Sum	120	28		

Description of the learning outcomes assigned to the subjects and the curriculum content ensuring the achievement of these outcomes

Subject name:		Environmental psychology and sociology	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	The student has knowledge and understanding of social and cultural conditions and the relationships between them in the context of landscape design, as well as the capabilities and limitations of the tools required for the performance of spatial and landscape analyses from the social perspective.	LA_K2_W02, LA_K2_W06
Skills: (In terms of skills, the graduate can)	U1	The student is capable of undertaking planning projects and studies, taking into account the specificity of the socio-cultural foundations of landscape design, as well as collecting and analysing information on aspects of the social, cultural, economic and legal environment in the design work of a landscape architect using scientific methods.	LA_K2_U05, LA_K2_U06
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The graduate is ready to evaluate the knowledge they possess critically, recognises the importance of knowledge in the professional life of a landscape architect and are prepared to consult experts, and to initiate actions in the public interest.	LA_K2_K01, LA_K2_K03
Course content ensuring the achievement of learning outcomes:		This course offers an introduction to the key concepts of environmental psychology and sociology, the contemporary state of public debate on environmental issues, and the social dimensions of nature conservation, with a particular emphasis on public participation. The workshops provide a practical introduction to the social research methodologies used in environmental sociology, including participant observation, interviewing, and questionnaire-based research.	
Examination methods:		Test (written or computer based), Assessment of activity during classes	

Subject name:		Social research in landscape architecture	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	The student knows and understands the basic methods and techniques of social research and recognises the importance of social research in enhancing landscape quality.	LA_K2_W02, LA_K2_W06
	U1	The student is able to identify an appropriate social research technique and apply it effectively in work within a research team.	LA_K2_U05, LA_K2_U06
	K1	The student is ready to engage in professional and academic work involving the use of social research.	LA_K2_K01, LA_K2_K03
Course content ensuring the achievement of learning outcomes:		The specificity of social research and its role in landscape architecture practice. The position and significance of social research within the professional activities of landscape architects. The application of social research in a master's thesis. Principles and stages of planning social research. Qualitative and quantitative components of research design. Triangulation of research methods. Development of a social research framework and procedural algorithm.	
Examination methods:		Test (written or computer based), Project	

Subject name:		Selection and use of sustainable materials and technologies in landscape architecture	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	The graduate knows and understands advanced, diverse landscape design methods and processes of building materials usage in different climatic zones and the implications of their application	LA_K2_W07
	U1	The graduate can support the resolution of disaster emergencies by applying appropriate landscape architecture materials by selecting appropriate technical drawing and freehand to design landscape architecture equipment in landscape	LA_K2_U02
Skills: (In terms of skills, the graduate can)	U2	The graduate can apply sustainable landscape architecture materials, including those based on nature, or recycled design work as tools to anticipate the potential consequences of climate change	LA_K2_U03
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The graduate is ready to evaluate critical the knowledge of construction materials in landscape architecture, their properties, and the content they receive, recognising the importance of sustainable materials in the field of landscape architecture to preparation of landscape together with experts in interdisciplinary fields	LA_K2_K01
Course content ensuring the achievement of learning outcomes:		Overview of groups of building materials used in landscape architecture, principles of technical drawing, application of building materials on the example of simple technical drawings, visualizations and models	
Examination methods:		Written exam, Project, Report	

Subject name:		Sustainable planting plans in landscape architecture	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	The student knows and understands the environmental and landscape conditions of different climate zones and is able to interpret them in the context of planting design and landscape physiognomy analysis.	LA_K2_W01
	W2	The student knows and understands historical traditions and selected contemporary examples of good practice in planting design within landscape architecture.	LA_K2_W02
	W3	The student understands and is able to apply nature-based solutions, including planting, as tool for adapting to and mitigating environmental changes.	LA_K2_W04
Skills: (In terms of skills, the graduate can)	U1	The student is able to develop and adapt a planting plan to the landscape conditions of a given climate zone and to use planting as a tool for mitigation and adaptation in response to climate-related disasters.	LA_K2_U02
	U2	The student is able to prepare plant list for his or her sustainable design, considering site-specific environmental conditions and biodiversity in the planting design process.	LA_K2_U03
	U3	The student is able to identify and design solutions based on good practices in sustainable planting.	LA_K2_U09
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The student demonstrates readiness to critically evaluate their own knowledge and received information, recognises the importance of continuous learning in the professional practice of planting design, and is prepared to consult experts when required.	LA_K2_K01
Course content ensuring the achievement of learning outcomes:		The course addresses historical principles of planting design in garden art and contemporary planting trends informed by posthumanist and post-environmental approaches. It develops skills in the analysis of landscape physiognomy and in the formulation of planting concepts based on analytical findings. Emphasis is placed on environmental processes, climate responsiveness and the ethical dimensions of planting design.	
Examination methods:		Test (written or computer based), Project, Report	

Subject name:		Responding to Environmental Challenges in the Subarctic Climate Zone: Ecosystem Degradation, Hydrological Instability, Biodiversity Loss, and Increased Exposure to Extreme Events	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	The student has knowledge of and understands environmental challenges in subarctic climate zones, such as ecosystem degradation, hydrological instability, biodiversity loss, and increased exposure to extreme events, as well as sustainable practices for addressing them.	LA_K2_W03
	W2	The student knows integrate strategies as tools for adaptation to and mitigation of environmental change.	LA_K2_W04
	W3	The student knows and understands the need to apply diverse landscape design and planning methods and procedures depending on the geographical and socio-cultural context, as well as the implications of their application.	LA_K2_W07
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The student demonstrates knowledge and understanding of the need to apply a range of landscape design and planning methods and procedures in subarctic climate zones, in relation to geographical and socio-cultural contexts, and of the implications of their application.	LA_K2_K02
Course content ensuring the achievement of learning outcomes:		Characteristics of landscapes and the challenges posed by climate change in subarctic climate zones. Selected strategies, case studies and examples of good practice.	
Examination methods:		Test (written or computer based), Assessment of activity during classes	

Subject name:		Responding to Environmental Challenges in the Mediterranean Climate Zone: Heatwaves, Droughts, and Precipitation Variability	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	The student knows integrate strategies as tools for adaptation to and mitigation of environmental change.	LA_K2_W04
	W2	The student has knowledge of and understands environmental challenges in temperate climate zones, such as heatwaves, droughts, and precipitation variability, as well as sustainable practices for addressing them.	LA_K2_W03
	W3	The student knows and understands the need to apply diverse landscape design and planning methods and procedures depending on the geographical and socio-cultural context, as well as the implications of their application.	LA_K2_W07
	K1	The student demonstrates knowledge and understanding of the need to apply a range of landscape design and planning methods and procedures in Mediterranean climate zone, in relation to geographical and socio-cultural contexts, and of the implications of their application.	LA_K2_K02
Course content ensuring the achievement of learning outcomes:		Characteristics of landscapes and the challenges posed by climate change in Mediterranean climate zones. Selected strategies, case studies and examples of good practice.	
Examination methods:		Test (written or computer based), Assessment of activity during classes	

Subject name:		Modern monitoring technology for the natural environment on the local and object scale	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	The student possesses basic knowledge of satellite, airborne, and UAV technology, as well as various cameras and sensors used for environmental and landscape analysis at local and object scales. They understand the diverse needs of data analysis in relation to other climate zones.	LA_K2_W02, LA_K2_W07, LA_K2_W09
Skills: (In terms of skills, the graduate can)	U1	The student is able to process multispectral, thermal and LiDAR data collected by UAV, airborne and satellite devices, and use them for case study analysis of the natural environmental status in the local or garden scale.	LA_K2_U01, LA_K2_U03, LA_K2_U09
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The student is ready to analyze and discuss, within the project team, aspects of digital and remote detection of the status of the natural environment in landscape analyses.	LA_K2_K01
Course content ensuring the achievement of learning outcomes:		Basic terminology and technology for data acquisition platforms, including satellite, airborne, and Unmanned Aerial Vehicles (UAVs), and data acquisition tools, including multispectral, thermal, and LiDAR data. Systems design and operation. Acquisition of satellite and airborne data from available databases. Proper collection of data from UAVs, along with accompanying GNSS and spectral measurements; processing of multispectral, thermal, and LiDAR data, spectral indices; classification. Analysis of collected and processed data in selected aspects of environmental analysis and landscape quality assessment. The following programs are planned for use during the course: Pix4D Capture, Pix4D Mapper, and QGIS.	
Examination methods:		Project, Presentation, Report	

Subject name:		English language	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	specialist language vocabulary for the field of study	LA_K2_W02
	U1	describe phenomena, processes and procedures.	LA_K2_U05
Skills: (In terms of skills, the graduate can)	U2	correspondence and take notes	LA_K2_U06
	U3	provide explanations, give reasons, express opinions or present plans.	LA_K2_U08
	K1	preparing and giving presentations.	LA_K2_K01
Social competences: (Within the scope of competence, the graduate is ready to)	K2	interview and discussion	LA_K2_K01
	K3	communicate properly in most situations of professional life using a specialist language resource.	LA_K2_K03
Course content ensuring the achievement of learning outcomes:		Specialist vocabulary related to the field of study. Grammatical structures: correct use of word forms and sentence constructions, word formation. Language functions: practicing oral and written communication.	
Examination methods:		Presentation, Assessment of speeches during classes	

Subject name:		German language	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	specialist language vocabulary for the field of study	LA_K2_W02
	U1	describe phenomena, processes and procedures	LA_K2_U05
Skills: (In terms of skills, the graduate can)	U2	correspondence and take notes.	LA_K2_U06
	U3	provide explanations, give reasons, express opinions or present plans.	LA_K2_U08
	K1	preparing and giving presentations.	LA_K2_K01
Social competences: (Within the scope of competence, the graduate is ready to)	K2	interview and discussion.	LA_K2_K01
	K3	communicate properly in most situations of professional life using a specialist language resource.	LA_K2_K03
Course content ensuring the achievement of learning outcomes:		Specialist vocabulary related to the field of study. Grammatical structures: correct use of word forms and sentence constructions, word formation. Language functions: practising oral and written communication.	
Examination methods:		Presentation, Assessment of speeches during classes	

Subject name:		Russian language	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	specialist language vocabulary for the field of study	LA_K2_W02
	U1	describe phenomena, processes and procedures.	LA_K2_U05
	U2	correspondence and take notes.	LA_K2_U06
	U3	provide explanations, give reasons, express opinions or present plans.	LA_K2_U08
	K1	preparing and giving presentations.	LA_K2_K01
	K2	interview and discussion.	LA_K2_K01
	K3	communicate properly in most situations of professional life using a specialist language resource.	LA_K2_K03
Course content ensuring the achievement of learning outcomes:		Mastering a specialist foreign language at the B2+ level of the Common European Framework of Reference for Languages, effective use of a foreign language in the field of study in the field of four skills (listening, speaking, writing and reading) in professional and scientific communication. Vocabulary in the field of specialist language for the field of study.	
Examination methods:		Presentation, Assessment of speeches during classes	

Subject name:		Spanish language	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	specialist language vocabulary for the field of study.	LA_K2_W02
	U1	describe phenomena, processes and procedures.	LA_K2_U05
Skills: (In terms of skills, the graduate can)	U2	correspondence and take notes.	LA_K2_U06
	U3	provide explanations, give reasons, express opinions or present plans.	LA_K2_U08
	K1	preparing and giving presentations.	LA_K2_K01
Social competences: (Within the scope of competence, the graduate is ready to)	K2	interview and discussion.	LA_K2_K01
	K3	communicate properly in most situations of professional life using a specialist language resource.	LA_K2_K03
Course content ensuring the achievement of learning outcomes:		Specialist vocabulary related to the field of study. Grammatical structures: correct use of word forms and sentence constructions, word formation. Language functions: practicing oral and written communication.	
Examination methods:		Presentation, Assessment of speeches during classes	

Subject name:		Green Infrastructure. Theory and Application	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	The graduate knows and understands the principles of shaping green infrastructure in relation to different climatic zones and the climate change-related challenges associated with them.	LA_K2_W03
	W2	The graduate knows and understands planning documents related to the planning and design of green infrastructure, including climate change adaptation plans.	LA_K2_W05
	W3	The student understands the role of the landscape architect in the planning and design of green infrastructure at different spatial scales, in relation to environmental and socio-cultural conditions.	LA_K2_W08
	U1	The student is able to plan and design green infrastructure in relation to environmental conditions, including climatic zones.	LA_K2_U02
	U2	The graduate is able to cooperate in interdisciplinary and multicultural teams addressing green infrastructure design and planning problems at different spatial scales, taking into account socio-cultural specificities.	LA_K2_U04, LA_K2_U05
	K1	The student understands the importance of green infrastructure in the professional practice of a landscape architect, acts responsibly while taking the public interest into account, and understands social needs.	LA_K2_K01, LA_K2_K03
	K2	The student is able to critically assess the state of knowledge concerning current trends in green infrastructure.	LA_K2_K01, LA_K2_K02
Course content ensuring the achievement of learning outcomes:		Students actively engage with course materials, including literature and case studies, to critically evaluate existing green infrastructure solutions and their effectiveness in diverse climatic and socio-cultural contexts. They develop practical skills in designing multifunctional green infrastructure, integrating theoretical knowledge with site-specific environmental and community considerations. Through these activities, students gain the competence to propose adaptive, context-sensitive solutions that enhance ecological, social, and cultural sustainability at multiple spatial scales.	
Examination methods:		Written exam, Assessment of speeches during classes, Assessment of activity during classes, Project, Report	

Subject name:		Design strategies for climate change adaptation and resilience	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	The theories and causes of global climate change, including the risks posed by the phenomenon of plant and animal migration.	LA_K2_W03
	W2	The principles of creating expert studies, planning and strategic documents (e.g. landscape protection plans and climate change adaptation strategies).	LA_K2_W05
	W3	Landscape research methods and principles of research, lying within the area of assigned scientific disciplines.	LA_K2_W09
	U1	Solve design problems arising from climate change on a local and global scale.	LA_K2_U01
	U2	Support the resolution of disaster emergencies by applying appropriate landscape architecture tools.	LA_K2_U02
	U3	Apply sustainable technologies and materials, including those based on nature, in their design work as tools to anticipate the potential consequences of climate change.	LA_K2_U03
	K1	Evaluate the knowledge they possess critically and the content they receive, recognises the importance of knowledge in the professional life of a landscape architect and are prepared to consult experts.	LA_K2_K01
	K2	Act in an entrepreneurial and responsible manner, to initiate actions in the public interest and to fulfil social obligations.	LA_K2_K02
	K3	Contribute to the development of the profession and to uphold professional ethics within their role.	LA_K2_K03
Course content ensuring the achievement of learning outcomes:		Principles of climate change adaptation and resilience in landscape architecture, including key concepts, risks, and landscape-based approaches. Principles for developing climate-adaptive design strategies that balance environmental performance, social needs, and spatial quality. Analysis of climatic, environmental, and spatial factors to support resilient, sustainable, and context-sensitive landscape design.	
Examination methods:		Test (written or computer based), Project	

Subject name:		Methods and tools in landscape architecture	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	The analysis and evaluation of methodological information from literature and field inventories, research methods used in landscape architecture, and the principles of research planning and methodological justification of related decisions.	LA_K2_W06, LA_K2_W07, LA_K2_W09
Skills: (In terms of skills, the graduate can)	U1	To plan research and apply research methods used in landscape architecture and to disseminate the result.	LA_K2_U06, LA_K2_U07, LA_K2_U10
Social competences: (Within the scope of competence, the graduate is ready to)	K1	Critically evaluate the results of research in landscape architecture.	LA_K2_K01
Course content ensuring the achievement of learning outcomes:		Principles for Building Comprehensive Design Guidelines Considering Natural, Cultural, and Social Conditions	
Examination methods:		Report	

Subject name:		Biodiversity Oriented Studio	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	The student knows and understands how animal communities are formed as a result of succession changes and how climate change affects these communities	LA_K2_W01, LA_K2_W02
	W2	The student has basic knowledge of the ecology of selected animal and plant species, including insects and birds, and their aesthetic and health benefits for humans in different climate zones.	LA_K2_W02, LA_K2_W03
	W3	The student knows the basics of habitat formation for animal species found in landscapes of different climate zones.	LA_K2_W04
Skills: (In terms of skills, the graduate can)	U1	The student is able to recognise selected species of wild animals and plants that are important for the purposes of biodiversity conservation in different climate zones and associate their habitats with specific landscapes.	LA_K2_U03
	U2	The student has the ability to search for data on the specific habitat requirements of species from different climate zones.	LA_K2_U03
	U3	Student is able to design, taking into account climate change, spaces with habitats for species, in cooperation with experts specialising in the protection of a given taxonomic group.	LA_K2_U02, LA_K2_U09
	U4	The student has the ability to present the above-mentioned projects graphically and orally.	LA_K2_U02
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The student is aware of their responsibility for the occurrence of wild animal and plant species in the landscape of different climate zones.	LA_K2_K01, LA_K2_K02
	K2	Student is aware of the importance of protecting biodiversity for sustainable development, including for the preservation of human quality of life.	LA_K2_K01, LA_K2_K02
Course content ensuring the achievement of learning outcomes:		The impact of ecological succession on species groups, ecological characteristics of animal species in different climate zones and climate change. Animal species groups in selected habitat types, types of human activity and its impact on animal species groups in different climate zones. Biology and ecology of representatives of selected systematic groups of animals and plants occurring wild in various climate zones. Aesthetic significance and impact of the presented species groups on human perception and quality of life. Legal protection of species, importance of biodiversity conservation in sustainable development. Theoretical basis for shaping species habitats in landscapes. Examples of park and garden design projects, taking into account the shaping of species habitats in different climate zones. Animal and plant species associations in selected habitat types, types of human activity and its impact on animal species groups in different climate zones. Identification of the vital needs of selected wild species and development of guidelines for shaping or improving the habitat conditions of these species in chosen landscapes. Development of a concept for the management of a selected area, including the design of a habitat for a selected group of wild animals and plants. Presentation of developed design concepts aimed at protecting biodiversity.	
Examination methods:		Test (written or computer based), Project, Presentation	

Subject name:		Local initiative for climate change adaptation	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The graduate is prepared to critically evaluate their own knowledge and information related to local climate change adaptation, recognises the importance of evidence-based knowledge in professional practice, and is ready to consult and collaborate with relevant experts.	LA_K2_K01
	K2	The graduate is prepared to act in an entrepreneurial and responsible manner in initiating and implementing local climate change adaptation actions that serve the public interest and fulfil social responsibilities.	LA_K2_K02
Course content ensuring the achievement of learning outcomes:		The aim of the course is to develop students' understanding local and regional impacts of climate change on communities and landscapes, and key concepts of adaptation, vulnerability, and resilience at the local level. Teaching methods include lecture with multimedia presentation, problem-oriented teaching, and case study analysis supported by discussion and comparative examples.	
Examination methods:		Essay	

Subject name:		Local initiative for climate change adaptation - studio	ECTS: 5
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	The graduate knows and understands geographical, environmental, social, and cultural conditions and the relationships between them in the context of locally driven climate change adaptation initiatives.	LA_K2_W02
	W2	The graduate knows and understands advanced and diverse methods and processes used in local climate change adaptation across different climatic zones, as well as the implications of their application for landscapes and communities.	LA_K2_W07
Skills: (In terms of skills, the graduate can)	U1	The graduate is able to lead and collaborate within multicultural and interdisciplinary teams in the development of complex local climate change adaptation projects and expert studies.	LA_K2_U04
	U2	The graduate is able to collect and analyse information on natural, social, cultural, economic, and legal conditions relevant to local climate change adaptation initiatives, using appropriate scientific and analytical methods.	LA_K2_U06
	U3	The graduate is able to account for site-specific conditions, biodiversity, and species migration processes when developing local climate change adaptation initiatives.	LA_K2_U09
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The graduate is prepared to critically assess their own knowledge and information related to local climate change adaptation, recognises the importance of evidence-based knowledge in professional practice, and is ready to consult and cooperate with relevant experts.	LA_K2_K01
	K2	The graduate is prepared to contribute to the development of professional practice in local climate change adaptation and to uphold ethical and professional standards in their activities.	LA_K2_K03
Course content ensuring the achievement of learning outcomes:		The aim of the course is to introduce students to locally driven climate change adaptation and the role of landscape architecture and spatial planning in community-based approaches. The course develops skills in designing nature-based and landscape-oriented adaptation solutions through a design studio format and project-based learning, supported by site analysis, collaborative workshops, an iterative design process, critique sessions, and visual communication methods. Applicants should have at least one year of academic study in a design-oriented or related field and be prepared to engage in design-focused problem solving and graphic communication	
Examination methods:		Project, Assessment of activity during classes	

Subject name:		Intellectual property management	ECTS: 1
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	familiar with the basic concepts and principles of intellectual property protection.	LA_K2_W11
	W2	in the scope of competence and activities of the Patent Office of the Republic of Poland in the field of industrial property protection. Conditions for obtaining protection through trademarks, industrial designs, and geographical indications. Knows the principles of granting patents, the nature and types of licenses granted.	LA_K2_W11
	W3	principles of operation of the intellectual property protection system. The importance of intellectual property protection in creative and scientific work.	LA_K2_W12
Social competences: (Within the scope of competence, the graduate is ready to)	K1	prepared to assess the consequences of their choices and adhere to the principles of professional ethics.	LA_K2_K02, LA_K2_K03
Course content ensuring the achievement of learning outcomes:		Copyright law, publishing law - basic principles affecting intellectual property protection in diploma and professional theses.	
Examination methods:		Test (written or computer based), Assessment of activity during classes	

Subject name:		Landscape Sensitive Masterplan	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The graduate is prepared to critically evaluate their own knowledge and the information used in the masterplanning process, understands the role of interdisciplinary expertise in landscape masterplanning, and is ready to collaborate with and consult relevant specialists.	LA_K2_K01
	K2	The graduate is capable of responsibly initiating and managing landscape-sensitive masterplanning actions that contribute to the public good and reflect social and environmental accountability.	LA_K2_K02
Course content ensuring the achievement of learning outcomes:		The aim of the course is to develop students' understanding and practical application of the principles of landscape-sensitive masterplanning as an interdisciplinary approach. Teaching methods include lecture with multimedia presentation, problem-based teaching, and case study analysis supported by discussion and comparative examples.	
Examination methods:		Test (written or computer based)	

Subject name:		Landscape Sensitive Masterplan - studio	ECTS: 5
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	The masterplanning studio aims to strengthen students' ability to analyse complex landscape and environmental conditions and to transform these analyses into integrated, landscape-sensitive masterplans that respond to cultural context, climate challenges, and sustainability and resilience objectives.	LA_K2_W02
	W2	The graduate knows and understands the principles of preparing expert analyses, masterplanning studies, and strategic planning documents, including landscape protection plans and climate change adaptation strategies, within a landscape-sensitive masterplanning framework.	LA_K2_W05
	W3	The graduate knows and understands advanced and diverse methods and processes of landscape-sensitive masterplanning applied in different climatic zones, as well as the implications of their application for spatial, environmental, and climatic conditions.	LA_K2_W07
	U1	The graduate is able to address and solve masterplanning design challenges arising from climate change at both local and global scales.	LA_K2_U01
	U2	The graduate is able to carry out landscape-sensitive masterplanning projects and studies, taking into account the socio-cultural context and foundations of landscape planning and design.	LA_K2_U05
	K1	The graduate is prepared to critically assess their own knowledge and the information applied in landscape-sensitive masterplanning, recognises the importance of continuous learning in professional practice, and is ready to collaborate with and consult relevant experts.	LA_K2_K01
	K2	The graduate demonstrates readiness to support the advancement of landscape-sensitive masterplanning while maintaining professional ethics.	LA_K2_K03
Course content ensuring the achievement of learning outcomes:		The studio aims to develop students' practical skills in landscape-sensitive masterplanning through the integration of environmental, climatic, cultural, and spatial analyses. The course focuses on applying interdisciplinary knowledge to formulate resilient and sustainable masterplanning concepts that respond to landscape context and climate change challenges. The course employs lectures supported by multimedia presentations, problem-based learning, design studio work, case study analysis, project-based learning, teamwork and collaborative design, field observations and site analysis, as well as student presentations and critical discussion. Applicants should have at least one year of academic study in a design-oriented or related field and be prepared to engage in design-focused problem solving and graphic communication.	
Examination methods:		Assessment of activity during classes, Project	

Subject name:		Nature based solutions in landscape architecture	ECTS: 4
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Skills: (In terms of skills, the graduate can)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	Global climate zones with related climate problems, their causes and risks and how to mitigate them.	LA_K2_W01, LA_K2_W03, LA_K2_W04
	U1	Develop solutions for current climate problems, select and apply appropriate methods and tools of landscape architecture and anticipate benefits and trade-offs.	LA_K2_U01, LA_K2_U02, LA_K2_U03
	K1	Understand the role of landscape architectics in critically evaluating knowledge and to work with scietific experts.	LA_K2_K01
	K2	Understand the professional public, social and ethical demands associated with the role of a landscape architect.	LA_K2_K02, LA_K2_K03
Course content ensuring the achievement of learning outcomes:		<p>Basic knowledge: Nature-based Solutions, current climate problems, international initiatives and conventions, sustainable development.</p> <p>Methods and tools in landcape architecture, contribution of landscape architecture to the development and implementation of Nature-based Solutions.</p> <p>Practical application: Projects of Nature-based Solutions.</p>	
Examination methods:		Project	

Subject name:		Diploma seminar 1	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Skills: (In terms of skills, the graduate can)	U1	The student is able to select and apply appropriate scientific research methods in the preparation of their master's thesis.	LA_K2_U06
	U2	The student is able to independently prepare an academic journal article related to the topic of their master's thesis.	LA_K2_U10
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The student demonstrates readiness to act responsibly and ethically in academic and professional contexts, to critically evaluate knowledge and information, to consult experts when necessary, and to contribute to the development of the landscape architecture profession.	LA_K2_K01, LA_K2_K02, LA_K2_K03
Course content ensuring the achievement of learning outcomes:		The course develops advanced competences in independent academic research in landscape architecture at master's level. It addresses the formulation of research problems and the application of appropriate research methods. Students prepare an academic journal article integrating theoretical knowledge and professional practice related to their master's thesis. Emphasis is placed on critical analysis, academic writing, ethical responsibility and professional scholarly communication.	
Examination methods:		Essay, Presentation	

Subject name:		Landscape Planning	ECTS: 3
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	Know the relationships between landscape patterns, ecological processes, and spatial scales.	LA_K2_W02, LA_K2_W08, LA_K2_W10
	W2	Understand the role of policies, legal frameworks, and governance structures in shaping landscapes.	LA_K2_W05
	W3	Comprehend the concepts of sustainability, resilience, ecosystem services, and green infrastructure in planning contexts.	LA_K2_W03
	W4	Understand methodological approaches for landscape analysis, assessment, and evaluation.	LA_K2_W05, LA_K2_W07, LA_K2_W08
Skills: (In terms of skills, the graduate can)	U1	Analyze landscape structure, function, and change using qualitative and quantitative methods.	LA_K2_U05, LA_K2_U06
	U2	Apply spatial tools (e.g. GIS, landscape metrics, mapping techniques) to support planning and decision-making.	LA_K2_U02
	U3	Assess the environmental and visual impacts of plans, policies, and projects.	LA_K2_U05
	U4	Develop and compare alternative landscape planning scenarios.	LA_K2_U05
	U5	Design strategic and spatially coherent landscape plans that integrate ecological, social, and economic considerations.	LA_K2_U05
	U6	Communicate analyses and planning proposals clearly through maps, reports, and presentations.	LA_K2_U04
Social competences: (Within the scope of competence, the graduate is ready to)	K1	Work effectively in interdisciplinary and multicultural teams.	LA_K2_K02
	K2	Critically reflect on ethical responsibilities and value-based conflicts in landscape planning.	LA_K2_K01
	K3	Engage constructively with stakeholders and incorporate participatory inputs into planning processes.	LA_K2_K02
	K4	Critically reflect on ethical responsibilities and value-based conflicts in landscape planning.	LA_K2_K01
	K5	Communicate complex planning issues to non-expert audiences.	LA_K2_K02
	K6	Demonstrate professional conduct, collaboration, and responsibility in group-based planning tasks.	LA_K2_K03
Course content ensuring the achievement of learning outcomes:		The programme content is designed to ensure the achievement of learning outcomes by combining theoretical foundations of landscape planning with applied analytical and design-based activities. Lectures introduce key concepts, methods, and policy frameworks, while laboratory exercises and project work enable students to apply spatial tools, assess landscape processes, and develop sustainable planning scenarios. This integrated approach supports the acquisition of knowledge, practical skills, and social competences essential for critical, ethical, and professional practice in landscape planning.	
Examination methods:		Essay, Project	

Subject name:		Diploma seminar 2	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Skills: (In terms of skills, the graduate can)	U1	The student understands the methods and techniques required to develop and present the results of a master's thesis.	LA_K2_U07
	U2	The student is ready to evaluate the effects of different techniques and methods for presenting the results of a master's thesis.	LA_K2_U07
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The student can plan their research activities and present them clearly and convincingly.	LA_K2_K01, LA_K2_K03
Course content ensuring the achievement of learning outcomes:		Techniques and methods for developing and presenting the results of a Master's thesis in landscape architecture.	
Examination methods:		Presentation, Assessment of speeches during classes, Assessment of activity during classes	

Subject name:		Resilience Strategies for planning and management in Temperate Climate Zone Landscapes	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	The student knows and understands the geographical, natural, social and cultural conditions, and the relationships between them, in the context of landscape planning and management in temperate environments.	LA_K2_W02
	W2	The student knows and understands the principles of preparing expert landscape studies and of developing planning and programming documents in the temperate environments.	LA_K2_W05
	W3	The student knows and understands contemporary civilisational challenges that constitute the methodological basis of the landscape architect's work in the temperate environments.	LA_K2_W10
	K1	The student demonstrates knowledge and understanding of the need to apply a range of landscape design and planning methods and procedures in temperate climate zone, in relation to geographical and socio-cultural contexts, and of the implications of their application.	LA_K2_K02
Course content ensuring the achievement of learning outcomes:		Characteristics of landscapes and the challenges posed by climate change in temperate climate zones. Selected strategies, case studies and examples of good practice in landscape planning.	
Examination methods:		Test (written or computer based), Assessment of activity during classes	

Subject name:		Resilience Strategies for planning and management in Tropical Landscapes	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
<p>Knowledge: (In terms of knowledge, the graduate knows and understands)</p> <p>Social competences: (Within the scope of competence, the graduate is ready to)</p>	W1	The student knows and understands the geographical, natural, social and cultural conditions, and the relationships between them, in the context of landscape planning and management in tropical environments.	LA_K2_W02
	W2	The student knows and understands the principles of preparing expert landscape studies and of developing planning and programming documents in subarctic environments.	LA_K2_W05
	W3	The student knows and understands contemporary civilisational challenges that constitute the methodological basis of the landscape architect's work in tropical environments.	LA_K2_W10
	K1	The student demonstrates knowledge and understanding of the need to apply a range of landscape design and planning methods and procedures in tropical climate zone, in relation to geographical and socio-cultural contexts, and of the implications of their application.	LA_K2_K02
Course content ensuring the achievement of learning outcomes:		Characteristics of landscapes and the challenges posed by climate change in tropical climate zones. Selected strategies, case studies and examples of good practice in landscape planning.	
Examination methods:		Test (written or computer based), Assessment of activity during classes	

Subject name:		Spatial Planning and Policy	ECTS: 2
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	the role of geographical, social, cultural and formal conditions in conducting spatial policy and formulating provisions of spatial planning documents	LA_K2_W02
	W2	the role of the landscape architect in shaping the landscape at various spatial scales and regulatory frameworks	LA_K2_W08, LA_K2_W10
Skills: (In terms of skills, the graduate can)	U1	recognize the key environmental, social, and cultural factors influencing spatial development and to set objectives for spatial planning and development policies across different governance contexts	LA_K2_U04, LA_K2_U06
Social competences: (Within the scope of competence, the graduate is ready to)	K1	contribute to interdisciplinary planning teams and participate in public dialogue to support the implementation of spatial policies	LA_K2_K02
Course content ensuring the achievement of learning outcomes:		Principles of spatial planning, including planning systems, approaches, and frameworks for organizing and developing territories. Principles for defining development objectives, balancing social, environmental, and economic considerations. Analysis of environmental, social, and cultural factors to support sustainable, equitable, and collaborative spatial development.	
Examination methods:		Presentation, Project	

Subject name:		Diploma studio	ECTS: 20
Effects:		The content of the effect assigned to the subject:	Directional effect reference:
Knowledge: (In terms of knowledge, the graduate knows and understands)	W1	The student has knowledge of key issues in landscape architecture in the context of global climate change that is applicable to problem-solving and the design of complex architectural objects and urban complexes, drawing on interdisciplinary knowledge acquired during the course of study.	LA_K2_W06, LA_K2_W07, LA_K2_W10, LA_K2_W11, LA_K2_W12
	W2	The student has knowledge of landscape architecture solutions applicable under conditions of climate change, intended for use in the preparation of the diploma project.	LA_K2_W01, LA_K2_W02, LA_K2_W03
	W3	The student has knowledge of landscape architecture issues related to climate change in the context of the multidisciplinary nature of the diploma project and understands the need for collaboration with other specialists.	LA_K2_W08, LA_K2_W09
Skills: (In terms of skills, the graduate can)	U1	The student can analyse existing site conditions, assess and evaluate land use and built environment, and formulate conclusions for implementation in the diploma project.	LA_K2_U01, LA_K2_U03, LA_K2_U06
	U2	The student is able to design a complex landscape architecture project, drawing on interdisciplinary knowledge acquired during the course of study and taking into account risks associated with climate change.	LA_K2_U02, LA_K2_U05, LA_K2_U09
	U3	The student can prepare advanced graphical, written and oral presentations of their own design concepts developed as part of the diploma project.	LA_K2_U05, LA_K2_U06
Social competences: (Within the scope of competence, the graduate is ready to)	K1	The student is ready to effective problem-solving in design tasks, and the ability to accept criticism of one's proposed solutions and respond to it in a clear and reasoned manner	LA_K2_K01
	K2	The student is prepared to contribute to the development of the landscape architecture profession in the context of global climate change and to uphold professional and environmental ethics within their professional role.	LA_K2_K03
Course content ensuring the achievement of learning outcomes:		Preparation of the master's thesis, consisting of a research component, a descriptive component, and a graphical (drawing) component.	
Examination methods:		Project	

Programme indicators

Name	Value
Potwierdzenie - na podstawie planu studiów, że student realizuje zajęcia z dziedziny nauk humanistycznych i/lub społecznych, którym przypisano nie mniej niż 5 punktów ECTS	5
Potwierdzenie - na podstawie planu studiów, że student ma możliwość wyboru zajęć, którym łącznie przypisano liczbę punktów ECTS nie niższą niż 30% ECTS określonych dla programu tych studiów	60/92 (65.22%)
Potwierdzenie, że program studiów o profilu ogólnoakademickim obejmuje zajęcia związane z prowadzoną w uczelni działalnością naukową, w wymiarze większym niż 50% liczby punktów ECTS, określonej dla programu tych studiów	60.33/92 (65.58%)
Potwierdzenie, że liczba punktów ECTS uzyskanych w programie studiów poprzez realizację zajęć z wykorzystaniem metod i technik kształcenia na odległość jest nie wyższa niż 75% ogólnej liczby punktów ECTS w programie studiów o profilu ogólnoakademickim	14/92 (15.22%)
Liczba godzin w programie	989