	nauki prawne	4%
	ekonomia i finanse	9%
	geografia społeczno-ekonomiczna i gospodarka przestrzenna	5%
Razem:		88%

Tłumaczenie programu studiów na język angielski

Programme of study
Sustainable Development

Name of the field of study	Sustainable Development
Name of the field of study in English / in the language of instruction	Sustainable Development
Language of instruction	English
Level of education	second cycle
Level in the PQF	7

Studies profile	general academic
Number of semesters	4
Number of ECTS credits to graduate	120
Form of studies	full time
Professional title awarded to the graduates (name of the qualification in its original wording, PQF level)	magister
Number of ECTS credits that the student needs to obtain for the classes conducted with direct participation of academic teachers and/or other tutors	60
Number of ECTS credits for the classes in the area of humanities and/or social sciences (not less than 5 ECTS)	6

Assignment of the field of study to a given area of study and academic disciplines

Area of study	Academic discipline	Percentage share of the academic disciplines	Leading academic discipline (more than a half of the learning outcomes)
Natural science	Earth and related environmental sciences	56	Earth and related environmental sciences
Social sciences	economics and finance	9	

Social sciences	law	9	
Social sciences	Socio-economic geography and spatial management	10	
Social sciences	management and quality studies	16	
Total:	-	100%	-

Learning outcomes defined for the field of study by reference to the descriptors of 2nd degree in the Polish Qualification Framework for qualifications at level 67 obtained within the framework of the Higher Education and Science System after obtaining full qualification at level 4 of the PQF

Learning outcomes symbol for the field of study	Learning outcomes	Reference to PQF 2nd degree descriptors
Knowledge: the graduate knows and understands		

K_W01	to a deeper degree the concept of sustainable development in relation to environmental and earth sciences and social and economic dimensions.	P7S_WG; P7S_WK
K_W02	environmental, social as well as economic challenges at regional and global levels and understands the interconnections between them.	P7S_WK
K_W03	to a deeper degree environmental and sustainable development problems and challenges, as well as methods, tools and procedures leading to the achievement of the Sustainable Development Goals at various spatial (global, regional, local) and industry scales such as business, administration and other.	P7S_WG; P7S_WK
K_W04	applicable law on the implementation of sustainable development principles as well as international and national institutions responsible for shaping sustainable development policy.	P7S_WG; P7S_WK
K_W05	to a deeper degree social, legal and technological as well as planning and economic tools for implementing sustainable development in various areas of activity.	P7S_WG; P7S_WK
K_W06	appropriate sustainability indicators.	P7S_WK
K_W07	to a deeper degree interdisciplinary approach to the environment and sustainable development and the contribution of various disciplines to solving problems and challenges related to the environment and sustainable development.	P7S_WG; P7S_WK
K_W08	sources of financial support needed to prepare applications in the field of supporting the principles of implementing sustainable development.	P7S_WK
K_W09	to a deeper degree reliable sources of information and databases needed to verify the information.	P7S_WK

K_W10	to a deeper degree evolutionary and philosophical contexts of natural phenomena.	P7S_WG; P7S_WK
K_W11	safety rules in laboratory and field work.	P7S_WG; P7S_WK
K_W12	In-depth principles of preparing and writing scientific work, the practice of interpreting them, and the principles of creating and developing forms of individual entrepreneurship that utilize advanced knowledge from scientific fields and disciplines relevant to environmental protection and sustainable development.	P7S_WK
K_W13	general rules and principles regarding the protection of industrial materials and copyrights.	P7S_WK
Skills: the graduate is able to		
K_U01	initiate, actively participate in and lead teams preparing documents and strategies for implementing the principles of sustainable development in various types of institutions and bodies at various levels of management, as well as within civic movements and other social initiatives.	P7S_UW; P7S_UK; P7S_UO
K_U02	work interdisciplinary and cross-sectoral based on knowledge from various subject disciplines and institutional sectors in order to synthesize new ideas and concepts serving the environment and sustainable development.	P7S_UW; P7S_UK; P7S_UO
K_U03	evaluate the actions taken to achieve the Sustainable Development Goals and write and present reports in this regard.	P7S_UW
K_U04	ask critical questions and find appropriate solutions.	P7S_UW
K_U05	use methods of social communication as well as promotion and education in activities implementing solutions in the field of environment and sustainable development.	P7S_UW; P7S_UK; P7S_UU

K_U06	participate in international and local initiatives as well as academic and practical debates on issues environment and sustainable development issues.	P7S_UK
K_U07	identify the strengths and weaknesses of standard actions taken to solve environmental and sustainable development problems.	P7S_UW
K_U08	plan a professional career and apply the principles of sustainable development in their own work.	P7S_UU
K_U09	use modern information techniques (e.g. GIS, remote sensing).	P7S_UW
K_U10	use English at B2+ CEFR level and specialist terminology.	P7S_UK
Social competences: the graduate is ready to		
K_K01	active participation in resolving conflicts and conducting negotiations related to the implementation of sustainable development principles and goals.	P7S_KK; P7S_KO
K_K02	communicate effectively, orally and in writing, with the community and professionals in various fields.	P7S_KR; P7S_KO
K_K03	improving professional skills and observing the rules of professional ethics.	P7S_KK; P7S_KO; P7S_KR
K_K04	verifying and respecting the opinion of other team members, especially subordinates.	P7S_KK; P7S_KO
K_K05	understanding the need to search for new technologies for implementing sustainable development.	P7S_KK; P7S_KR

K_K06	care for the reliability and credibility of their research work.	P7S_KK; P7S_KO; P7S_KR
K_K07	respecting the rules of intellectual property.	P7S_KK; P7S_KR
K_K08	coordinating the work of the team, in particular in terms of the division of duties and time management.	P7S_KK; P7S_KO
K_K09	entrepreneurial thinking and acting in the implementation of the Sustainable Development Goals.	P7S_KO

Classes and/or groups of classes assigned to a given term of studies

Year of studies: first

Semester: first

Course title	Form of classes number of hours								Total: number of class hours	Total: ECTS points	Programme of study learning outcomes	Academic discipline(s) related to the course
	Lecture	Seminar classes	Seminar	Practical classes	Laboratory classes	Workshops	Project work	Other				
Global Changes Synthetic Outlook and the Concept of Sustainable Development	30								30	3	K_W01; K_W02; K_W03; K_W05; K_W10; K_U02; K_U03; K_U07; K_U10; K_K01; K_K05	Earth and related environmental sciences; biological sciences; economics and finance; socio-economic geography and spatial management
Course Content	1. An introduction to the causes and mechanisms of global environmental changes. 2. The history of interactions between humans and nature. 3. The mechanisms, causes, and consequences of climate change, water depletion, disruptions in the water cycle, pollution, disturbances in biogeochemical cycles, and the biodiversity crisis. 4. The historical and institutional background of the concept of sustainable development. 5. The interdisciplinary nature of sustainability science.											

Assessment of learning outcomes	Written exam- test.											
Functioning of Nature and Ecosystem Services	30			30					60	4	K_W01; K_W06; K_W09; K_W10; K_U02; K_U04; K_U07; K_U10; K_K02; K_K03	Earth and related environmental sciences; biological sciences
Course Content	1. Energy flow in ecosystems. 2. Key environmental cycles (water, phosphorus, nitrogen, carbon). 3. Interactions between species and trophic networks. 4. Ecosystem services: provisioning, supporting, regulating, cultural. 5. The imbalance between exploitation of ecosystem services as the major source of the ecological l crisis. 6. Functioning of selected ecosystems: oceans and coral reefs, freshwater, forests, wetlands, agro ecosystems											
Assessment of learning outcomes	Written exam and project.											
Sustainable Development Law	30			30					60	4	K_W04; K_W05; K_U02; K_U04; K_U05; K_U06; K_U10; K_K01; K_K02	law
Course Content	1. Emergence of international sustainable development law. 2. Constitutionalization of sustainable development. 3. Principles of international law related to sustainable development. 4. Cross-border legal issues concerning sustainable development. 5. The human rights dimension in sustainable development.											

	6. Operationalization of sustainable development – from the global to the domestic level. 7. Implementation of sustainable development in national law. 8. Armed conflicts and sustainable development.											
Assessment of learning outcomes	Written exam and project.											
Economics of Sustainability	30			30					60	4	K_W01; K_W02; K_W03; K_W05, K_W06, K_W08; K_U01; K_U02; K_U04; K_U07; K_U10; K_K02; K_K04	economics and finance
Course content	1. Basic of economics. 2. Development economics. 3. Market failures and the natiral environment. 4. Natural resources management. 5. Economic valuation of non-market goods. 6. Economic instruments of environmental policy. 7. Transformation of the economy towards sustainable development.											
Assessment of learning outcomes	Written exam and project.											
Climate Change and its Human Aspect		30				15			45	3	K_W01; K_W02; K_W06; K_W07; K_W09; K_W10; K_U02; K_U03; K_U04; K-U05, K_U07; K_U08; K_U10; K_K01;	Earth and related environmental sciences; physical

											K_K02; K_K04, K_K05, K_K06	sciences; psychology
Course content	1. Climate vs. weather. The climate system: components and parameters. Climate measurements and observations. 2. The energy balance of planet Earth. The solar constant, planetary albedo, greenhouse effect. Climate forcings and feedbacks. 3. Natural climate forcings and climate changes across the geological history of the planet. Anthropocentric climate forcings and actual climate change. 4. Human fingerprints on climate: evidence. 5. Climate modelling: principles, verification, projections. Climate scenarios. The carbon budget. 6. IPCC assessment reports. 1.5 degree and above. 7. The psychology of denial, disavowal, and omission regarding climate change. 8. Media and social discourses on climate change; discourses of delayed action. 9. Emotional responses to climate change: anxiety, grief, stress, and other emotions. Climate emotions in education. 10. The psychology of individual and collective climate action. The issue of agency 11. Stereotypes and backlash against environmental and climate protection. 12. The psychological benefits of contact with nature and the psychology of restorative action.											
Assessment of learning outcomes	Graded credit based on completed work: presentation, essay and project.											
Introduction to Ocean Science and Polar Research						30			30	2	K_W01; K_W02; K_W07;K_W09;K_W010; K_U02; K_U03; K_U04; K_U06; K_U07; K_U10; K_K01; K_K02;K_K06	Earth and related environmental sciences; chemical sciences; biological sciences

Course Content	1. Expanding knowledge in oceanography, particularly in marine chemistry. 2. Drawing attention to current issues in marine environmental protection. 3. Understanding the specificity of polar regions (their environment, and the history of discoveries and research). 4. Inspiring further knowledge expansion and potential involvement in projects for the sea. 5. Providing an interdisciplinary perspective of the presented topics. 6. Facilitating the exchange of experiences and learning how to present research topics.											
Assessment of learning outcomes	Graded credit based on final papers and presentations											
Waste Management	10	25	15		25				75	5	K_W01; K_W02; K_W05; K_W06; K_W11; K_U02; K_U03; K_U04; K_U07; K_K01; K_K02; K_K04; K_K05; K_K06;	Earth and related environmental sciences; chemical sciences; biological sciences
Course Content	1. Environmentally friendly technologies used in waste management. 2. Analytical techniques necessary for reliable assessment of environmental pollution. 3. The rules of sustainable development in waste management. 4. Legislation and regulations of transport, storage, treatment and disposal of waste. 5. Plastics waste management. 6. Radioactive waste disposal. 7. Innovative methods for the utilization of exhaust gases (CO_2, SO_x, NO_x). 8. Waste management based on a circular economy. Classes include various forms of instruction: lectures, laboratory work, and field trips to facilities involved in waste management.											

Assessment of learning outcomes	Graded credit based on presentation and project report.											
Challenges of the Social Dimension of Sustainability		30							30	3	K_W01; K_W02; K_W07; K_U01; K_U02; K_U03; K_U04; K_U07; K_U10; K_K01; K_K02; K_K04	management and quality studies
Course Content	1. The main dimensions of social sustainability: equitable access and the sustainability of the community itself. 2. Social sustainability within the frames of Sustainable Development Goals (SDGs). 3. Social reception of the concept of sustainable development 4. Challenges for the social aspect of sustainable development; the underlying social and psychological mechanisms (e.g. bounded rationality model of decision making, the “not-invented-here” syndrome, conformity, categorization and principles of social influence). 5. Dissemination of knowledge about sustainable development.											
Assessment of learning outcomes	Graded credit based on final work/presentation and activity during classes.											
									30	2	K_W01; K_W02; K_W03; K_W05; K_W07; K_U01; K_U02; K_U04; K_U07; K_U10; K_K01; K_K02; K_K04; K_K05	Earth and related environmental sciences; philosophy; economics and finance; law; communication and media studies;

Elective Classes												education; management and quality studies; biological sciences; chemical sciences; physical sciences
Course Content	The goal is to develop the knowledge, skills, and social competences of students in understanding the concept of sustainable development from various perspectives. This includes the forms of assessment and the verification of learning outcomes in accordance with the syllabus of the selected course.											
Assessment of learning outcomes	Course credit in accordance with the syllabus.											

Total number of ECTS credits 30 (in a semester):
Total number of class hours 420 (per semester):
Total number of class hours specified in the programme of study for every field of study, level and profile (for the entire cycle): 1405

Year of studies: first

Semester: second

Course title	Form of classes number of hours								Total: number of class hours	Total: ECTS points	Programme of study learning outcomes	Academic discipline(s) related to the course
	Lecture	Seminar classes	Seminar	Practical classes	Laboratory classes	Workshops	Project work	Other				
International Environmental Law		15							15	1	K_W04; K_W05; K_U02; K_U04; K_U05; K_U10; K_K01; K_K02	law
Course Content	1. Introduction to the subject - environment and international law. 2. Sources and instruments of international environmental law. 3. The significance of case law and its sources. 4. The system of international environmental governance. 5. Issues of regulatory compliance. 6. Liability for environmental damage.											

Assessment of learning outcomes												
Urban Sustainability	30			30					60	4	K_W01; K_W02; K_W03; K_W05; K_U01; K_U02; K_U03; K_U07; K_U10; K_K02; K_K04	Earth and related environmental sciences; Socio-economic geography and spatial management; biological sciences; chemical sciences
Course Content	1. Definitions and concepts of urban sustainability, as well as methods of promoting it in practice. 2. Contemporary urbanization. 3. Urban development and spatial planning. 4. Urban infrastructure. 5. Biodiversity in cities. 6. Management of water resources in urban areas. 7. Innovative, sustainable metropolitan interventions and solutions.											
Assessment of learning outcomes	Written exam and presentation during the seminar part, involvement during the field part.											
	30	30							60	4	K_W01; K_W02; K_W03; K_W07; K_W10;	Earth and related environmental sciences;

Agriculture, Food Production and Biodiversity											K_U01; K_U02; K_U04; K_U06; K_U07; K_U10; K_K01; K_K02; K_K04	biological sciences; socio-economic geography and spatial management; chemical sciences
Course Content	1. The history of agriculture on Earth. 2. The spatial patterns of contemporary agriculture. 3. The connection between traditional land use with high biodiversity. 4. Regional threats to semi-natural ecosystems. 5. Environmental threats caused by rapid changes in agriculture: deforestation, habitat fragmentation, land grabbing, eutrophication, widespread use of antibiotics and pesticide, genetically modified organisms and the pollination crisis. 6. The impact of constructing renewable energy sources (photovoltaic power plants, wind farms) on agriculture and biodiversity. 7. Institutions and international organizations working to sustain agriculture and food production. 8. Food acquired from the natural ecosystems. 9. Modern trends in food production: organic farming, artificial meat and urban agriculture.											
Assessment of learning outcomes	Joint assessment of the lecture and discussion class components.											
Management of Natural Resources						45			45	3	K_W01; K_W02; K_W03; K_W05; K_W06; K_W07; K_U01; K_U02; K_U03; K_U04; K_U06; K_U07; K_U09; K_U10;	Earth and related environmental sciences; biological sciences; chemical sciences; management and quality studies

											K_K01; K_K02; K_K04; K_K08; K_K09	
Course content	1. Current ways of exploitation and use of non-renewable resources (e.g. minerals, metal ores, fossil fuels). 2. Current methods of exploitation and use of renewable resources (e.g. edible plants and animals, wood, soils, wind and solar power, water). 3. Seeking sustainable solutions or alternative ways to utilize natural resources. 4. Protection of natural resources.											
Assessment of learning outcomes	Graded credit based on project and presentation.											
Geographic Information System (GIS) as Support in Decision Making Process						30			30	2	K_W01; K_W02; K_W07; K_W09; K_U01; K_U02; K_U09; K_U10; K_K05	Socio-economic geography and spatial management; economics and finance;
Course content	1. Spatial data resources. 2. Spatial data models. 3. File systems used in GIS. 4. Management, analysis, and presentation of spatial information regarding natural, economic, and social aspects.											
Assessment of learning outcomes	Graded credit based on project.											
The Principles of Ecosystem Services Assessment						30			30	2	K_W02; K_W03; K_W05; K_W06; K_W07; K_U01; K_U02; K_U05, K_U06; K_U07;	Earth and related environmental sciences; socio-economic geography and

											K_K01, K_K03; K_K05; K_K010	spatial management;
Course Content	1. Familiarization with an ecosystem-based approach to planning and its implementation in spatial management and nature conservation. 2. Provisioning, regulating, and cultural ecosystem services from a cross-sectional and interdisciplinary perspective 3. Planning and conducting an assessment of a selected ecosystem service at the local or regional scale.											
Assessment of learning outcomes	Graded credit based on project.											
Cost-Benefit Analysis and Natural Resources		30							30	2	K_W02; K_W03; K_W05; K_W06; K_U01; K_U02; K_U04; K_U07; K_U08; K_U10; K_K02; K_K05; K_K08	economics and finance
Course Content	1. Microeconomic foundations of cost-benefit analysis. 2. Economic value of the environment. 3. Shadow prices. 4. Valuation of environmental impacts – methods of revealed and stated preferences. 5. Discounting benefits and costs,risk and uncertainty. 6. Accuracy of CBA and related evaluation methods such as cost-effectiveness analysis and multi criteria analysis.											
Assessment of learning outcomes	Graded credits based on presentation, test.											

Diploma Seminar I			30						30	2	K_W01; K_W02; K_W03; K_W05; K_W06; K_W07; K_W12; K_W13 K_U02; K_U04; K_U06; K_U07; K_U08; K_U09; K_U10; K_K02; K_K05; K_K06; K_K07; K_K09	Earth and related environmental sciences; philosophy; economics and finance; socio-economic geography and spatial management; law; communication and media studies; management and quality studies; biological sciences; chemical science; physical sciences
Course Content	1. Methodology and approach for preparing diploma theses. 2.Selection of research methods/methodologies depending on the area of interest and the specifics of the chosen topic, ensuring the reliability of the results and their proper interpretation. 3.Understanding the significance of each stage of the diploma thesis – from formulating research questions, through data collection, to analysis of results, tailored to the selected methodology											
Assessment of learning outcomes	Preparation of a work outline, proposing a research methodology, and drafting a chapter of the thesis.											

Interactions of Human and Nature Field Workshop							60		60	4	K_W01; K_W02; K_W03; K_W06; K_W07; K_W11; K_U01; K_U02; K_U04; K_U06; K_U08; K_U09; K_U10; K_K04; K_K06; K_K08	Earth and related environmental sciences; biological sciences
Course Content	1. Implementation of scientific knowledge (from the field of both natural and social sciences) in practical cases of interactions of human-nature interaction. 2. Collection of environmental and social data to understand the context of each case. 3. Development and evaluation of possible future scenarios using the principles of sustainable development. 4. Preparation of an evidence-based action and management plan to implement the selected scenario.											
Assessment of learning outcomes	Graded credits on a report prepared by the student.											
Elective Classes (subjects to be chosen by students for 6 ETCS)												
Elective Classes									90	6	K_W02; K_W03; K_W05; K_W06; K_W09;K_W11; K_U01; K_U02; K_U03; K_U04; K_U06; K_U07; K_U08; K_U09; K_U10; K_K01; K_K02;K_K04; K_K05;	Earth and related environmental sciences; socio-economic geography and spatial; management; management and quality studies; biological

Course Content	The goal is to develop the knowledge, skills, and social competences of students in understanding the concept of sustainable development from various perspectives. This includes the forms of assessment and the verification of learning outcomes in accordance with the syllabus of the selected course.
Assessment of learning outcomes	Course credit in accordance with the syllabus.

Total number of ECTS credits 30 (in a semester):
Total number of class hours 450 (per semester):
Total number of class hours specified in the programme of study for every field of study, level and profile (for the entire cycle): 1405

Year of studies: second

Semester of studies: third

Course title	Form of classes number of hours								Total: number of class hours	Total: ECTS points	Programme of study learning outcomes	Academic discipline(s) related to the course
	Lecture	Seminar classes	Seminar	Practical classes	Laboratory classes	Workshops	Project work	Other				
Green Innovations- Strategies and Diffusion.		30							30	3	K_W02; K_W03; K_W07; K_W09;K_U01; K_U02; K_U04; K_U05; K_U06; K_U10; K_K02; K_K04; K_K05; K_K09	management and quality studies
Course Content	1. Innovation processes (supply-push and demand pull). 2. Types of innovations (architectural, radical, disruptive, incremental). 3. Main theories of innovation. 4. Market strategies adopted by innovative technology companies. 5. Application of the concept of sustainable innovation management to different areas of business. 6. Impact of the new technologies on sustainable development and its application in organization management. 7. Knowledge diffusion and knowledge spillovers in terms of sustainable development.											
Assessment of learning outcomes	Written exam.											

Indicators of Sustainable Development		30							30	2	K_W03; K_W05; K_W06; K_W09; K_W08 K_U04; K_U07; K_U10; K_K05	economics and finance; biological sciences; Earth and related environmental sciences
Course Content	1. Introduction to the indicator approach. 2. Measurement of sustainable development. 3. Indicators on the international forum. 4. Synthetic indicators. 5. Structural indicators. 6. Indicators on the local level. 7. Policy guidelines for using indicators.											
Assessment of learning outcomes	Assessment will be based on completed work: a presentation and an essay.											
Sustainable Development Strategies Global, Regional, Local and Institutional							30		30	3	K_W03; K_W05; K_W07; K_W09; K_U02; K_U03; K_U04; K_U09; K_U10; K_K01; K_K02; K_K04; K_K08; K_K09	management and quality studies
Course Content	1. Macro-environment analysis (at local, national, regional, and international levels). 2. Analysis of the competitive environment. 3. Stakeholder analysis. 4. Internal analysis of the organization. 5. Competitive advantage and corporate social responsibility. 6. Strategy formulation, implementation, and reporting.											

	7. Building business models (business model canvas).											
Assessment of learning outcomes	Graded credit based on presentation.											
Sustainable Development and beyond: New concepts for the future		30							30	2	K_W01; K_W02; K_W05; K_W07; K_U01: K_U02; K_U04; K_U06; K_U07: K_K02; K_K04: K_K06: K_K08	Earth and related environmental sciences; socio-economic geography and spatial management
Course content	1. Main directions of criticism of sustainable development. 2. Current trends in discussions on sustainable development. 3. New concepts of social-ecological transformation. 4. Ideas and practical solutions offered by concepts such as degrowth, doughnut economics, ecomodernism. 5. Political proposals for these new concepts, including the Green New Deal. 6. How these ideas are implemented, and the conclusions drawn from them.											
Assessment of learning outcomes	Graded credit based on an essay or mini research project											
Sustainability Reporting							30		30	2	K_W03; K_W05; K_W07; K_W09; K_U02; K_U03; K_U04; K_U09; K_U10; K_K01; K_K02; K_K04; K_K08	Management and quality studies; law

Course content	1. Discussion of regulatory and operational challenges within an organization related to integrating ESG objectives into the entity's strategy and non-financial reporting. 2. Sustainable investments according to the Sustainable Finance Disclosure Regulation and the EU Taxonomy Regulation. 3. The latest non-financial reporting standards according to the Corporate Sustainability Reporting Directive (CSRD) and the European Sustainability Reporting Standards (ESRS).											
Assessment of learning outcomes	Graded credit based on final work/presentation and activity during classes.											
Development of Mind and Science: Philosophical Inquiries		30							30	2	K_W07; K_W10; K_U02; K_U04; K_U10; K_K05; K-K07	philosophy
Course Content	1. The relationship between the development of our mind and the acquisition of language and reasoning abilities. 2. The interconnections between our capacity for thinking and decision-making. 3. The nature of scientific development. 4. The connection between theory as a product of our minds and the external world.											
Assessment of learning outcomes	Graded credit based on participation in discussions during classes, and the results of tests conducted during classes.											
Diploma seminar II			30						30	3	K_W01; K_W02; K_W03; K_W05; K_W06; K_W07; K_W12; K_W13 K_U02; K_U04; K_U06; K_U07; K_U08; K_U09; K_U10; K_K02;; K_K05; K_K06; K_K07; K_K09	Earth and related environmental sciences; philosophy; economics and finance; socio-economic geography and spatial management; law; communication

												and media studies; management and quality studies; biological sciences; chemical science; physical sciences
Course Content	1.Methodology and approach for preparing diploma theses. 2.Selection of research methods/methodologies depending on the area of interest and the specifics of the chosen topic, ensuring the reliability of the results and their proper interpretation. 3.Understanding the significance of each stage of the diploma thesis – from formulating research questions, through data collection, to analysis of results, tailored to the selected methodology.											
Assessment of learning outcomes	Preparation of an outline/chapter of a diploma thesis.											
Elective Classes (subjects to be chosen by students for 9 ETCS)												
Elective Classes									90	9	K_W02; K_W03; K_W04; K_W05; K_W06;K_W07; K_U01; K_U02; K_U03; K_U04; K_U05; K_U06; K_U07; K_U09; K_U10; K_K01; K_K02; K_K04; K_K05; K_K08; K_K09	Earth and related environmental sciences; social and economic; management and quality studies; economics and finance; communication and media studies

Course Content	Elective courses in the third semester are designed to develop students' knowledge, skills, and social competencies in areas such as entrepreneurship, leadership and CSR, selected environmental management and certification tools, modeling consumer preferences regarding environmental goods, and designing for social innovation.											
Assessment of learning outcomes	Course credit in accordance with the syllabus.											
Elective Classes (OGUN in Humanities)									20 (min)	2		Humanities
Course content	Depending on the student's choice from the University of Warsaw's offer of humanities and social subjects. The program content for the subject is consistent with the subject syllabus.											
Assessment of learning outcomes	Course credit in accordance with the syllabus.											
Elective Classes (OGUN)									30	2		A subject offered by the University of Warsaw or other universities; all disciplines
Course content	The goal is to develop the knowledge, skills, and social competences of students in understanding the concept of sustainable development from various perspectives. This includes the forms of assessment and the verification of learning outcomes in accordance with the syllabus of the selected course.											
Assessment of learning outcomes	Course credit in accordance with the syllabus.											

Total number of ECTS credits 30 (in a semester):
Total number of class hours: min. 350 (per semester)

Total number of class hours specified in the program of study for every field of study, level and profile (for the entire cycle): 1405

Year of studies second

Semester of studies: fourth

Course title	Form of classes number of hours								Total: number of class hours	Total: ECTS points	Programme of study learning outcomes	Academic discipline(s) related to the course
	Lecture	Seminar classes	Seminar	Practical classes	Laboratory classes	Workshops	Project work	Other				
Greenwashing		15							15	1	K_W02; K_W04; K_W06; K_W07; K_U02; K_U03; K_U04; K_U06. K_U07; K_U10; K_K01; K_K07	law
Course Content	1.Basic methods used to deceive regarding environmental impact (greenwashing). 2.Case study analysis related to CSR implementations and initiatives (undertaken within corporate social responsibility). 3.Legal regulations concerning greenwashing. 4.Analysis of past case studies and practical exercises in developing ways to rectify existing irregularities.											
Assessment of learning outcomes	Graded credit based on a final paper/presentation.											

Sustainable Development Practicum							120		120	7	K_W02: K-W03, K_W05; K-W06: K_W07; K_W11; K_W13; K_U03; K_U04; K_U08; K_U09; K_U10; K_K02; ~~K_K03~~; K_K04; K_K07; K_K08; K_K09	Earth and related environmental sciences, philosophy; economics and finance; socio-economic geography and spatial management; law; communication and media studies; management and quality studies; biological sciences; chemical sciences; physical sciences
Course Content	1. Practical application of knowledge and skills acquired during studies through the implementation of a research study at a selected external institution (preferably related to the area of the diploma thesis). 2. Evaluation of sustainable development (e.g., environmental, social, economic, and political aspects) and identification of problems requiring intervention in the practical context of actions undertaken by the institution chosen by the student. 3. Development of possible solutions for the identified problems. 4. Integration of the academic environment with business, administration, and non-governmental organizations. 5. Implementation of research findings into practical tasks. Courses conducted with the participation of representatives of the socio-economic environment.											
Assessment of learning outcomes	Graded credit based on project and presentation.											

Diploma Seminar III /Writing Diploma Project			30						30	20	K_W01; K_W02; K_W03; K_W05; K_W06; K_W07; K_W12; K_W13; K_U02; K_U04; K_U06; K_U07; K_U08; K_U09; K_U10; K_K02;; K_K05; K_K06; K_K07; K_K09	Earth and related environmental sciences; philosophy; economics and finance; social and economic geography and spatial management; law; communication and media studies; management and quality studies; biological sciences; chemical sciences; physical sciences
Course Content	In the final semester of the seminar, intensive individual collaboration with the supervisor is dedicated to refining and preparing the final version of the master's thesis. During this period, students have the opportunity to consult with their supervisor regarding the progress of their research, the analysis of the collected data, and the structure and content of the thesis.											
Assessment of learning outcomes	Credit for submitting the diploma dissertation.											
Elective Classes (OGUN in Humanities)									20 (min)	2		humanities
Course content	Depending on the student's selection from the University of Warsaw's offerings in the humanities and social sciences, the course content for the subject is in accordance with the course syllabus.											

Assessment of learning outcomes	Course credit in accordance with the syllabus.

Total number of ECTS credits 30 (in a semester):
Total number of class hours: min. 185 (per semester):
Total number of class hours specified in the program of study for every field of study, level and profile (for the entire cycle): 1405

Percentage share of the number of ECTS credits in the total number of credits for each of the disciplines the field of study has been assigned to.

Area of study	**Academic discipline**	**Percentage share of the number of ECTS credits in the total number of ECTS credits for each academic discipline**
Natural sciences	earth and related environmental sciences	57
Social sciences	management and quality studies	13
Social sciences	law	4
Social sciences	economics and finance	9
Social sciences	socio-economic geography and spatial	5

	management	

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