do Uchwały nr 24/2023 Rady Dydaktycznej dla kierunków studiów

Global Environment and Development, międzywydziałowe studia ochrony środowiska, Sustainable Development z dnia 19 grudnia 2023 r. w sprawie propozycji zmian w programie studiów II stopnia na kierunku Sustainable Development w Uniwersyteckim Centrum Badań nad Środowiskiem Przyrodniczym i Zrównoważonym Rozwojem

PART II

AMENDED PROGRAMME OF STUDIES

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-degree studies
Level in the PQF	7 level
Studies profile	general academic profile
Number of semesters	4
Number of ECTS credits to graduate	120 ECTS
Form of studies	full-time studies
Professional title awarded to the graduates (name of the qualification in its original wording, PQF level)	Master of Science
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 ECTS

Number of ECTS credits for the classes in the area	of
humanities and/or social sciences (not less than 5 ECTS)	

6 ECTS

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	
	law	9	
	social and economic geography and spatial management	10	
	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 6–7 obtained within the framework of the Higher Education and Science System after obtaining full qualification at level 4 of the PQF

Learning outcomes	Learning outcomes	Reference to PQF 2 nd degree
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symbol for the field of study		descriptor s
	Knowledge: the graduate knows and understands	
K_W01	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	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	
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	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	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	reliable sources of information and databases needed to verify the information	P7S_WK
K_W10	evolutionary and philosophical contexts of natural phenomenas	P7S_WG; P7S_WK
K_W11	safety rules in laboratory and field work	P7S_WG; P7S_WK
K_W12	principles of preparing and writing a scientific paper	P7S_WK

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	
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

EXPLANATIONS

The learning outcomes symbol for the programme of study includes:

- letter K to highlight the fact that the learning outcome refers to the programme of study
- _ (underscore),
- one of the letters W, U and/or K to mark the category of learning outcomes (W knowledge (Polish: wiedza), U skills (Polish: umiejętności), K social competences (Polish: kompetencje społeczne),
- learning outcome number in a given category, written in the form of two digits (precede the digits 1–9 with a 0).

EXPLANATIONS

The symbol for the learning outcome defined for the specialisation includes:

- letter S to highlight the fact that the learning outcome refers to the learning outcomes defined for the specialisation (Polish: specjalność),
- _ (underscore),
- one of the letters W, U and/or K to mark the category of the learning outcomes (W knowledge (Polish: wiedza), U skills (Polish: umiejętności), K
 social competences (Polish: kompetencje społeczne),
- learning outcome number in a given category, written in the form of two digits (precede the digits 1–9 with a 0).

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

(provide a separate table for each semester/year of studies)

Year of studies: first (in words)

Semester: first

		Form	of cla	sses -	- numb	er of h	nours					
Course title	Lecture	Seminar classes	Seminar	Practical classes	Laboratory classes	Workshops	Project work	Other	Total: number of class hours	Total: ECTS points	Programme of study learning outcomes	Academic discipline(s) related to the course
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; social and economic geography and spatial management
Course Content	 An introduction to causes and mechanisms of global environmental changes. The history of interactions between human and nature. The mechanisms, causes and consequences of the climate change, water depletion and disturbance of water cycling, pollution and disruption of biogeochemical cycles, and biodiversity crisis. Historical and institutional background of the idea of sustainable development. The interdisciplinary character of the sustainability science. 											
Learning outcomes assessment	Writter	n 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	enviro	and related onmental sciences; gical sciences	
Course Content	1. 2. 3. 4. 5. 6.	 Ecosystem services: provisioning, supporting, regulating, cultural. The imbalance between exploitation of ecosystem services as the major source of environmental crisis. Functioning of selected ecosystems: oceans and coral reefs, freshwater, forests, wetlands, agro-ecosystems. 												
Learning outcomes assessment	Writter	Written exam.												
Emerging 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	2. 3. 4. 5. 6.	 Principles of International Law Related to Sustainable Development. Cross-Border Sustainable Development Legal Issues. Human Rights Dimension of Sustainable Development. 												
Assessment of learning outcomes	Writter	Written exam.												
Sustainable Development Economics	30			30					60	4	K_W01; K_W02 K_W03; K_W05 K_W06, K_W08	,	economics and finance	

											K_U01; K_U02; K_U04; K_U07; K_U10; K_K02; K_K04			
Course content	1. 2. 3. 4. 5. 6. 7. 8.	 Development economics. Market failures and the environment. Natural resources management. Economic valuation of non-market goods. Economic instruments of environmental policy. Implementation of sustainable development in national law. 												
Assessment of learning outcomes	Writte	Written exam.												
Climate Change and it's 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; K_K02; K_K04, K_K05, K_K06	Earth and related environmental sciences; physical sciences; psychology		
Course content	2. 3. 4. 5. 6.	 Climate vs. weather. Climate system: components and parameters. Climate measurements and observations. Energy balance of planet Earth. Solar constant, planetary albedo, greenhouse effect. Climate forcings and feedbacks. Natural climate forcings and climate changes across geological history of the planet. Anthropocentric climate forcing and actual climate change. Human fingerprints on climate: evidence. Climate modelling: principles, verification, projections. Climate scenarios. Carbon budget. 												

	9. 10 11	 Public and media discourses of climate change, discourses of climate delay Emotional appraisal of climate change: climate anxiety, distress, grief and other emotions. Climate emotions in education. Psychology of individual and collective climate action. Problems of agency. Backlash and stereotypes surrounding climate action and environmentalism. Psychological benefits of nature, and regenerative psychology. 											
Learning outcomes assessment	Grade	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	2. 3. 4. 5. 6.	Drawii Under Inspiri Provid Excha	ng atten standing ng you ling an i inge of e	tion to g the sp to furthe nterdisc experies	current pecifics er expa ciplinar nces ar	probler of the p and your y view ond learn	ms in the colar regarder in the color in the properties of the properties of the properties of the properties of the color in the color	e prote gions (tedge ar resente to pre	ction of i heir env nd possib d issues	marine env ironment, h oly engage	chemistry. rironments. history of discoveries and in projects for the sea.	research).	
Learning outcomes assessment	Grade	d credit	based	on final	papers	s and p	resenta	tions					
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;	Earth and related environmental sciences; chemical sciences; biological sciences	

											K_K01; K_K02; K_K04; K_K05; K_K06;			
Course content	2. 3. 4. 5. 6. 7. 8.	 The rules of sustainable development in waste management. The legislation and regulations of transport, storage, treatment and disposal of waste. Plastics waste management. Radioactive waste disposal. Novel methods for exhaust gases utilization (CO2, SOx, NOx). Waste management based on circular economy. Classes will include various forms of conducting: lecture, laboratory work, field trips to facilities dealing with waste management.												
Learning outcomes assessment	Grade	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	2. 3. 4.													

Assessment of learning outcomes	Writter	n exam										
Elective 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; education; management and quality studies; biological sciences; chemical sciences; physical sciences
Course content	the co	ncept of	f sustair	nable d	evelopi	ment fro	m the	perspec	ctives of	the environ	ment, human econom	nces in understanding y and culture. Diverse didactic forms will be
Learning outcomes assessment	Gradeo	d credit	/ exam.									

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

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

(provide a separate table for each semester/year of studies)

Year of studies: first Semester: second

		Form	of cla	sses -	- numb	er of I	nours					
Course title	Lecture	Seminar classes	Seminar	Practical classes	Laboratory classes	Workshops	Project work	Other	Total: number of class hours	Total: ECTS points	Programme of study learning outcomes	Academic discipline(s) related to the course
				Cours	es con	nmon	for all	the sp	ecialisati	ons		
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. 2. 3. 4. 5. 6. 7.	Source Princip System Compl	es and in the stand in the standard in the sta	nstrum interna ssues.		internat environr	ional e	nvironm	national la ental law. nce.	w.	1	

Assessment of learning outcomes	Grade	d credit l	based o	n stud	ent's pres	sentati	ion.					
Urban Sustainability	30		į	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; social and economic geography and spatial management; biological sciences; chemical sciences
Course content	2. Co 3. Ur 4. Ho 5. Ur 6. Ur 7. W	ontemporban devousing proban infra ban infraban biod ater reso	orary urb velopme rovision astructu diversity ource m	panizat ent and n. ure. / nanage	ion. spatial pl ment in u	lannin urban a	g. areas.		rell as the	·	nich it can be promoted	in practice.
Assessment of learning outcomes	Lectur	e: writtei	n exam.	. Exerc	ises: pres	sentati	ion dur	ing the	seminar p	oart, involv	ement during the field p	oart.
Agriculture, Food Production and Biodiversity		30	;	30					60	4	K_W01; K_W02; K_W03; K_W07; K_W10; K_U01; K_U02; K_U04; K_U06; K_U07; K_U10; K_K01; K_K02; K_K04	Earth and related environmental sciences; biological sciences; social and economic geography and spatial management; chemical sciences

Course content	2. Spa 3. Con 4. Reg 5. Env eutr 6. Inte 7. Foo	inection of t gional threat ironmental to ophication, rnational insidiacquired to	of conteraditionals to semethreats canditions wide use stitutions from the	emporary agric I land use with i natural ecosy aused by rapid of antibiotics and organizat natural ecosys	high bidystems. It change and pestions actions.	es in ag sticide, (ting for s	riculture: genetically sustaining	/ modified agricultur	ion, habitat fragmentat organisms and pollina e and food production. an agriculture.	tion crisis.		
Learning outcomes assessment	Written 6	exam.										
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; K_K01; K_K02; K_K04; K_K08; K_K09	Earth and related environmental sciences; biological sciences; chemical sciences; management and quality studies		
Course content	2. Curi	rent ways of ir power, wa	· exploita ter).		of renew	able re	sources (e	e.g. edible	inerals, metal ores, fos plants and animals, wo			
Learning outcomes assessment	Graded	credit based	d on proj	ect and preser	ntation.							
Geographic Information System (GIS) as Support in Decision Making Process	30 2 K_W01; K_W02; social and economic K_W01; K_W09; leconomic geography and K_U09; K_U10; spatial management; economics and finance;											

Course content	2. S 3. Fi 4. M	patial da le syste anagem		els. d in GIS alysis a	ınd pre	sentation udents' I7	-			conomic a	nd social information.	
Assessment of learning outcomes	Grade	d credit	based o	on proje	ect.							
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; K_K01, K_K03; K- K05; K_K010	Earth and related environmental sciences; social and economic geography and spatial management;
Course content	2. 3.	consei Provis Planni	vation. ional, re	gulating he ass	g and o	· cultural ed	cosyste	m ser	vices in	cross sca	ementing in spatial mar e and cross disciplinary onal scale.	
Assessment of learning outcomes	Grade	a crean	baseu C	т ргоје	€CI.							
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	2. E		value c			Cost-Ber t.	nefit An	alysis	•		_	_

	5. Di	iscounti	ing ben	efits an	d costs,	, Risk a	ind unce	ertainty		•	ences methods. eness Analysis and Mu	ulti Criteria Analysis.
Learning outcomes assessment	Grade	d credit	ts based	d on pre	esentati	on, tes	t.					
Diploma Seminar I			30						30	2	K_W01; K_W02; K_W03; K_W05; K_W06; K_W07; K_W12; K_U02; K_U04; K_U06; K_U07; K_U08; K_U09; K_U10; K_K02; K_K03; 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 science; physical sciences
Course content	Metho	dology	and me	ethods o	of thesis	s prepa	ration. [Depend	ing on th	e student's	choice of writing diplo	ma project.
Learning outcomes assessment	Pass a	a subjed	ct									
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;	Earth and related environmental sciences; biological sciences

						K_U08; K_U09; K_U10; K_K04; K_K06; K_K08	
Course content	cases of inte 2. Gathering of 3. Developmen 4. Preparation	ractions of human environmental and t of possible future	with nature. d social data to e scenarios and action and ma	understand the d their evaluation inagement plan	backgroun n, with the υ	I social sciences) in practical of each case. Use of Sustainable Deveing the chosen scenario.	lopment principles.
Learning outcomes assessment	Graded credits o	n a report prepare	d by the studer	nt			
	Elect	ive Classes (sub	jects to be cho	osen by studen	ts for 6 ET	CS)	
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- U8; K_U09; K_U10; K_K01; K_K02; K_K04; K_K05; K_K08; K_K09	Earth and related environmental sciences; social and economic geography and spatial management; management and quality studies; biological sciences; chemical sciences
Course content	strategic manage		ublic service fo	or sustainable de	evelopment	ills and social competends, spatial planning and sanagement:	ces in concepts like:

Assessment of learning	Graded credit / exam.
outcomes	

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

	For	m of	clas	ses -	- numb€	er of h	ours		Total: numbe	Total:	Leai th	rning outcomes for ne specialisation	Academic discipline(s) related to the course
Course title	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		inno ories tratect on of the	vation of inn gies a the co new to	s (arc lovation dopted oncepte echnol	hitectura on. d by inno t of susta logies on	l, radica vative t iinable sustai	al, disru echnolo innovat nable d	iptive, ir ogy con ion mai evelopr	npanies nageme nent an	nt to d	pplicati	t areas of business. on in organization man opment.	agement.
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	 Introduct Measure Indicator Synthetic Structura Indicator Policy great 	ement of s on the c indicate al indicates s on the	sustaina internati ors. ors. local lev	ible deve ional foru el.	elopmei um.	nt.					
Assessment of learning outcomes	Written exam										
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	 Analysis Analysis Stakehole Internal a Competit Strategy Building b 	of compoder analy nalysis of ive adva formulati	etitive en /sis. of an org ntage an ion, imple	vironme anization d corpor ementati	nt. n. rate soo on and	cial resp reportii	onsibili	onal and inter	nationa	ıl level).	
Learning outcomes assessment	Graded credit	based o	on preser	ntation.							

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	and no 2. Sustai Regula 3. The la	on-financia nable inve ation. test repor	al reporting pestments acc	ractice. ording to	the Sus	tainabl	e Finance Dis	sclosure	n to incorporating ESO	axonomy EU
Learning outcomes assessment	Graded credit	based or	n final work/p	resentatio	n and a	ctivity o	during classe	S.		
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; social and economic geography and spatial management
Course content	2. The cu 3. New c 4. The id 5. The po	urrent tren oncepts c eas and p olitical pro	posals of the	sions abou ogical tran ions offer se new co	ut susta eformated by concepts	inability tion. oncepts , e.g. th	/ .	v Deal.	ghnut economics, eco	modernism.

Learning outcomes assessment	Grade	d credit	based	on an e	ssay or	mini re	searc	h project				
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	2. Th 3. Th	ne inter ne natu	relations	ship bet ientific (tween c develop	our abilit ment.	ty to th	f our mind and de with the ou	cide.	·	n of language and	reasoning abilities.
Learning outcomes assessment	Grade	d credi	t based	on part	icipatio	n in disc	cussio	ns during c	lasses,	, and the re	sults of tests cond	ducted during classes.
Diploma seminar II			30						30	3	K_U06; K_U07; K_U08; K_U09; K_U10;	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 science; physical sciences
Course content	Method	dology	and me	thods o	f thesis	prepara	ation.	Depending	on the	student's o	choice of writing d	iploma project.
Learning outcomes assessment	Pass a	subjec	et.									

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	economics and finance; communication and media
Course content	Elective classes in the third semester aimed at developing students' knowledge, skills and social competences in the field of concepts such as: entrepreneurship, leadership & CSR, selected environmental management and certification tools, modeling consumer preferences in the field of environmental goods, design for social innovations:											
Learning outcomes assessment	Grade	d credit	/ exam	-								
Elective Classes (OGUN in Humanities and social science)									20 (min)	2		humanities, social science
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.											
Learning outcomes assessment	Deper	Depends on the selected classes.										
Elective Classes (OGUN)									30	2		A subject offered by the University of

										Warsaw or other universities
Course content	Depending on the student's choice from the offer of the University of Warsaw or other universities. Program content for the subject in accordance with the course syllabus and depending on the choice of the offer of the University of Warsaw or other universities. Program content for the subject in accordance with the syllabus. Depends on the selected optional classes.									
Learning outcomes assessment	Depends on the	ne select	ed classes	i.						

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 (in words)

		Form	of cla	sses -	- numb	er of h	nours					
Course title	Lecture	Seminar classes	Seminar	Practical classes	Laboratory classes	Workshops	Project work	Other	Total: number of class hours	Total: ECTS points	Programme of study learning outcomes	Academic discipline(s) related to the course
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	 Getting to know the basics of misleading methods regarding environmental impact (greenwashing). Case studies on implementations and initiatives undertaken within the framework of corporate social responsibility (CSR), which quickly became symbols of misleading misrepresentation (greenwashing) The course will combine knowledge of the theoretical and legal framework regarding greenwashing, with work on past case studies and their correction by course participants. 											
Learning outcomes assessment	Graded credit based on a final paper/presentation.											

Research Study							120		120	7	K_W02: K- W03, K_W05; K-W06: K_W07; K_W11; K_U03; K_U04; K_U08; K_U09; K_U10; K_K02; K_K03; K_K04; K_K07; K_K08; K_K09	management; law; communication and
Course content	 Practical implementation of knowledge and skill acquired during the entire studies and other activities; research study realised at the external institution of student choice (preferably connected to the area of diploma work). Sustainability assessment (e.g. environmental, social, economic and political aspects) and identification of problems that need to be fixed in the practical context of activities undertaken in chosen by student institution. Elaboration of possible solutions of identified problems. Linking academia and business / administration / NGO together. Implementation of the research study into practical assignment. 											
Learning outcomes assessment	Grade	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_W12; K_U02; K_U04; K_U06; K_U07; K_U08; K_U09; K_U10;	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

											K_K02; K_K03; K_K05; K_K06; K_K07; K_K09	sciences; physical sciences
Course content	Metho	Methodology and methods of thesis preparation. Depending on the student's choice of writing diploma project.										
Learning outcomes assessment	Credit	Credit for submitting the diploma dissertation.										
Elective Classes (OGUN in Humanities and socia science)									20 (min)	2		humanities, social science
Course content		Depending on the choice of the student from the UW's offer of subjects in the fields of humanities and social science. The program content for the course is in line with the course syllabus.										
Learning outcomes assessment	Depen	Depends on the type of the chosen Elective Classes.										

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

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