

Subject card

Subject name and code	Green Business Design, PG_00081024						
Field of study	Business and Environmental Technology						
Date of commencement of studies	October 2024	Academic year of realisation of subject				2024/2025	
Education level	Master's studies	Subject group					
Mode of study	full-time studies	Mode of delivery				at the university	
Year of study	1	Language of instruction				Polish	
Semester of study	2	ECTS credits				5.0	
Learning profile	academic	Assessment form				exam	
Conducting unit	Department of Macroeconomics -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Andrzej Poszewiecki				
	Teachers		dr Andrzej Poszewiecki dr inż. Anna Gołąbiewska				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	30		0.0		0.0	30
Subject objectives	The aim of the course is to familiarize students with techniques related to planning the creation and development of economic ventures in the field of broadly understood ecology.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	<p>[BiTEMU2_U08] searches, selects and analyzes the literature on environmental sciences, including scientific journals and databases, reading and understanding scientific texts in the native language and English</p>	<p>As a result of completing the course, the student: 1) has the ability to use: practicing various forms and scope of acquired economic knowledge, supplementing it with critical analysis of effectiveness and usefulness; 2) has the ability to be independent proposing solutions to a specific economic problem and implementing it procedures for making decisions in this regard; 3) is able to give a presentation and independently prepare various specialized written works appropriate for the field of study or in an area on the border of different disciplines scientific, using basic theoretical approaches, collecting various data sources, their description and interpretation, and conclusions based on scientific literature and the results of your own research work. Student as a result of completing the course prepares a description of the ecological business concept (a simple business project) along with a presentation and submits it to public assessment: lecturers, students and invited guests. As a result, the student obtains feedback from independent participants presentations (from various lecturers and other students) about the quality of their idea and indication of what should be improved, included or added when writing the final project as part of the diploma thesis.</p>	<p>[SU2] presentation/project/paper/report</p>
	<p>[BiTEMU2_K01] understands the need for lifelong learning, verifies the state of his/her economic knowledge, understands the need to inspire and organize the learning process of others; has the ability to use a foreign language to a degree enabling communication, including for professional purposes (level B2+ or higher)</p>	<p>As a result of completing the course, the student: 1) understands the need for lifelong learning, verifies the state of his economic knowledge, is able to inspire and organize the process learning from others; 2) can properly set priorities and plan and organize tasks related to their implementation, as well as monitor and evaluate progress; 3) is able to reconcile by participating in the preparation of economic and social projects legal, economic, ecological, political and social requirements; 4) can think and act in an enterprising manner and communicate skillfully with the environment; adapts to new situations and conditions, takes up new creative challenges thinking, acquires resistance to failure.</p>	<p>[SK2] presentation/project/paper/report</p>

	Course outcome	Subject outcome	Method of verification
	<p>[BiTEMU2_W09] predicts the effects of human interference in the natural environment and analyzes the impact of human activity on the quality of the environment on a local, regional and global scale at an advanced level</p>	<p>As a result of completing the course, the student: 1) describes the relationship between economics and technology ecological, their place in the system of social and exact sciences, 2) has in-depth knowledge about economic processes, phenomena, entities, structures and institutions, and about detailed principles of their operation; 3) has in-depth knowledge of the views on about selected types of entities, structures and economic institutions and selected categories of economic ties and their historical evolution; 4) lists i describes the basic concepts and principles of industrial property protection and law copyright, the need to manage intellectual property resources and rules using patent information resources; 5) describes the principles of creation and development forms of individual entrepreneurship using knowledge from the field of science economic - in the field of technical construction of business projects; - In in terms of obtaining information from stakeholders, - in terms of developing concepts from initial stages to mature business concepts and business plans. Student acquires knowledge of building business concepts, improving them, and confronting them opinions of other people, transforming them into mature business plans and defending your own business concept.</p>	<p>[SW2] presentation/project/paper/report</p>

	Course outcome	Subject outcome	Method of verification
[BiTEMU2_U09] plans and performs research tasks in the field or laboratory and interprets research results on environmental protection issues	As a result of completing the course, the student: 1) has the ability to use: practicing various forms and scope of acquired economic knowledge, supplementing it with critical analysis of effectiveness and usefulness; 2) has the ability to be independent proposing solutions to a specific economic problem and implementing it procedures for making decisions in this regard;3) is able to give a presentation and independently prepare various specialized written works appropriate for the field of study or in an area on the border of different disciplines scientific, using basic theoretical approaches, collecting various data sources, their description and interpretation, and conclusions based on scientific literature and the results of your own research work. Student as a result of completing the course prepares a description of the ecological business concept (a simple business project) along with a presentation and submits it to public assessment: lecturers, students and invited guests. As a result, the student obtains feedback from independent participants presentations (from various lecturers and other students) about the quality of their idea and indication of what should be improved, included or added when writing the final project as part of the diploma thesis.	[SU2] presentation/project/paper/report	

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	<p>[BiTEMU2_W06] has in-depth knowledge of views on selected types of economic entities, structures and institutions as well as selected categories of economic ties and their historical evolution</p>	<p>As a result of completing the course, the student: 1) describes the relationship between economics and technology ecological, their place in the system of social and exact sciences, 2) has in-depth knowledge about economic processes, phenomena, entities, structures and institutions, and about detailed principles of their operation; 3) has in-depth knowledge of the views on about selected types of entities, structures and economic institutions and selected categories of economic ties and their historical evolution; 4) lists i describes the basic concepts and principles of industrial property protection and law copyright, the need to manage intellectual property resources and rules using patent information resources; 5) describes the principles of creation and development forms of individual entrepreneurship using knowledge from the field of science economic - in the field of technical construction of business projects; - In in terms of obtaining information from stakeholders, - in terms of developing concepts from initial stages to mature business concepts and business plans. Student acquires knowledge of building business concepts, improving them, and confronting them opinions of other people, transforming them into mature business plans and defending your own business concept.</p>	<p>[SW2] presentation/project/paper/report</p>

	Course outcome	Subject outcome	Method of verification
	<p>[BiTEMU2_U05] is able to give a presentation and independently prepare various specialized written works appropriate for the field studied or in the area on the border of various scientific disciplines, using basic theoretical approaches, collecting various sources of data, their description and interpretation, and drawing conclusions based on scientific literature and the results of own research work</p>	<p>As a result of completing the course, the student: 1) has the ability to use: practicing various forms and scope of acquired economic knowledge, supplementing it with critical analysis of effectiveness and usefulness; 2) has the ability to be independent proposing solutions to a specific economic problem and implementing it procedures for making decisions in this regard;3) is able to give a presentation and independently prepare various specialized written works appropriate for the field of study or in an area on the border of different disciplines scientific, using basic theoretical approaches, collecting various data sources, their description and interpretation, and conclusions based on scientific literature and the results of your own research work. Student as a result of completing the course prepares a description of the ecological business concept (a simple business project) along with a presentation and submits it to public assessment: lecturers, students and invited guests. As a result, the student obtains feedback from independent participants presentations (from various lecturers and other students) about the quality of their idea and indication of what should be improved, included or added when writing the final project as part of the diploma thesis.</p>	<p>[SU2] presentation/project/paper/report</p>

	Course outcome	Subject outcome	Method of verification
	<p>[BiTEMU2_W08] describes the principles of creating and developing forms of individual entrepreneurship using knowledge from the field of economic sciences at an advanced level</p>	<p>As a result of completing the course, the student: 1) describes the relationship between economics and technology ecological, their place in the system of social and exact sciences, 2) has in-depth knowledge about economic processes, phenomena, entities, structures and institutions, and about detailed principles of their operation; 3) has in-depth knowledge of the views on about selected types of entities, structures and economic institutions and selected categories of economic ties and their historical evolution; 4) lists i describes the basic concepts and principles of industrial property protection and law copyright, the need to manage intellectual property resources and rules using patent information resources; 5) describes the principles of creation and development forms of individual entrepreneurship using knowledge from the field of science economic - in the field of technical construction of business projects; - In in terms of obtaining information from stakeholders, - in terms of developing concepts from initial stages to mature business concepts and business plans. Student acquires knowledge of building business concepts, improving them, and confronting them opinions of other people, transforming them into mature business plans and defending your own business concept.</p>	<p>[SW2] presentation/project/paper/report</p>

	Course outcome	Subject outcome	Method of verification
	<p>[BiTEMU2_W07] lists and describes the basic concepts and principles of protection of industrial property and copyright, the need to manage intellectual property resources and the principles of using patent information resources at an advanced level</p>	<p>As a result of completing the course, the student: 1) describes the relationship between economics and technology ecological, their place in the system of social and exact sciences, 2) has in-depth knowledge about economic processes, phenomena, entities, structures and institutions, and about detailed principles of their operation; 3) has in-depth knowledge of the views on about selected types of entities, structures and economic institutions and selected categories of economic ties and their historical evolution; 4) lists i describes the basic concepts and principles of industrial property protection and law copyright, the need to manage intellectual property resources and rules using patent information resources; 5) describes the principles of creation and development forms of individual entrepreneurship using knowledge from the field of science economic - in the field of technical construction of business projects; - In in terms of obtaining information from stakeholders, - in terms of developing concepts from initial stages to mature business concepts and business plans. Student acquires knowledge of building business concepts, improving them, and confronting them opinions of other people, transforming them into mature business plans and defending your own business concept.</p>	<p>[SW2] presentation/project/paper/report</p>
	<p>[BiTEMU2_K04] by participating in the preparation of economic and social projects, he understands the need to reconcile legal, economic, ecological, political and social requirements; has the ability to plan own development, work in teams, take responsibility for actions and formulate opinions.</p>	<p>As a result of completing the course, the student: 1) understands the need for lifelong learning, verifies the state of his economic knowledge, is able to inspire and organize the process learning from others; 2) can properly set priorities and plan and organize tasks related to their implementation, as well as monitor and evaluate progress; 3) is able to reconcile by participating in the preparation of economic and social projects legal, economic, ecological, political and social requirements; 4) can think and act in an enterprising manner and communicate skillfully with the environment; adapts to new situations and conditions, takes up new creative challenges thinking, acquires resistance to failure.</p>	<p>[SK2] presentation/project/paper/report</p>

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	<p>[BiTEMU2_U02] uses in practice various forms and scope of acquired economic knowledge, complementing it with a critical analysis of effectiveness and usefulness</p>	<p>As a result of completing the course, the student: 1) has the ability to use: practicing various forms and scope of acquired economic knowledge, supplementing it with critical analysis of effectiveness and usefulness; 2) has the ability to be independent proposing solutions to a specific economic problem and implementing it procedures for making decisions in this regard;3) is able to give a presentation and independently prepare various specialized written works appropriate for the field of study or in an area on the border of different disciplines scientific, using basic theoretical approaches, collecting various data sources, their description and interpretation, and conclusions based on scientific literature and the results of your own research work. Student as a result of completing the course prepares a description of the ecological business concept (a simple business project) along with a presentation and submits it to public assessment: lecturers, students and invited guests. As a result, the student obtains feedback from independent participants presentations (from various lecturers and other students) about the quality of their idea and indication of what should be improved, included or added when writing the final project as part of the diploma thesis.</p>	<p>[SU2] presentation/project/paper/report</p>

	Course outcome	Subject outcome	Method of verification
	<p>[BiTEMU2_W02] distinguishes legal and administrative mechanisms and procedures in environmental protection and interprets its international dimension at an advanced level</p>	<p>As a result of completing the course, the student: 1) describes the relationship between economics and technology ecological, their place in the system of social and exact sciences, 2) has in-depth knowledge about economic processes, phenomena, entities, structures and institutions, and about detailed principles of their operation; 3) has in-depth knowledge of the views on about selected types of entities, structures and economic institutions and selected categories of economic ties and their historical evolution; 4) lists i describes the basic concepts and principles of industrial property protection and law copyright, the need to manage intellectual property resources and rules using patent information resources; 5) describes the principles of creation and development forms of individual entrepreneurship using knowledge from the field of science economic - in the field of technical construction of business projects; - In in terms of obtaining information from stakeholders, - in terms of developing concepts from initial stages to mature business concepts and business plans. Student acquires knowledge of building business concepts, improving them, and confronting them opinions of other people, transforming them into mature business plans and defending your own business concept.</p>	<p>[SW2] presentation/project/paper/report</p>
	<p>[BiTEMU2_K03] understands the need to properly set priorities, plan and organize tasks related to their implementation, as well as monitor and evaluate progress</p>	<p>As a result of completing the course, the student: 1) understands the need for lifelong learning, verifies the state of his economic knowledge, is able to inspire and organize the process learning from others; 2) can properly set priorities and plan and organize tasks related to their implementation, as well as monitor and evaluate progress; 3) is able to reconcile by participating in the preparation of economic and social projects legal, economic, ecological, political and social requirements; 4) can think and act in an enterprising manner and communicate skillfully with the environment; adapts to new situations and conditions, takes up new creative challenges thinking, acquires resistance to failure.</p>	<p>[SK2] presentation/project/paper/report</p>

	Course outcome	Subject outcome	Method of verification
	<p>[BiTEMU2_W01] describes the relationship between economics and ecological technology, their place in the system of social and exact sciences at an advanced level</p>	<p>As a result of completing the course, the student: 1) describes the relationship between economics and technology ecological, their place in the system of social and exact sciences, 2) has in-depth knowledge about economic processes, phenomena, entities, structures and institutions, and about detailed principles of their operation; 3) has in-depth knowledge of the views on about selected types of entities, structures and economic institutions and selected categories of economic ties and their historical evolution; 4) lists i describes the basic concepts and principles of industrial property protection and law copyright, the need to manage intellectual property resources and rules using patent information resources; 5) describes the principles of creation and development forms of individual entrepreneurship using knowledge from the field of science economic - in the field of technical construction of business projects; - In in terms of obtaining information from stakeholders, - in terms of developing concepts from initial stages to mature business concepts and business plans. Student acquires knowledge of building business concepts, improving them, and confronting them opinions of other people, transforming them into mature business plans and defending your own business concept.</p>	<p>[SW2] presentation/project/paper/report</p>
	<p>[BiTEMU2_K06] understands the needs of: thinking and acting in an entrepreneurial manner, communicating skillfully with the environment; adapting to new situations and conditions, taking on new challenges of creative thinking, and acquiring resilience to failure</p>	<p>As a result of completing the course, the student: 1) understands the need for lifelong learning, verifies the state of his economic knowledge, is able to inspire and organize the process learning from others; 2) can properly set priorities and plan and organize tasks related to their implementation, as well as monitor and evaluate progress; 3) is able to reconcile by participating in the preparation of economic and social projects legal, economic, ecological, political and social requirements; 4) can think and act in an enterprising manner and communicate skillfully with the environment; adapts to new situations and conditions, takes up new creative challenges thinking, acquires resistance to failure.</p>	<p>[SK2] presentation/project/paper/report</p>

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	<p>[BiTEMU2_K05] Is aware of the importance of business ethics and corporate social responsibility in professional life and demonstrates a willingness to act with respect for others and the principles of professional loyalty and loyalty to the company, understood as reliable and responsible performance of duties.</p>	<p>As a result of completing the course, the student: 1) understands the need for lifelong learning, verifies the state of his economic knowledge, is able to inspire and organize the process learning from others; 2) can properly set priorities and plan and organize tasks related to their implementation, as well as monitor and evaluate progress; 3) is able to reconcile by participating in the preparation of economic and social projects legal, economic, ecological, political and social requirements; 4) can think and act in an enterprising manner and communicate skillfully with the environment; adapts to new situations and conditions, takes up new creative challenges thinking, acquires resistance to failure.</p>	<p>[SK2] presentation/project/paper/report</p>
	<p>[BiTEMU2_U03] independently proposes solutions to a specific economic problem and carries out procedures for making decisions in this area</p>	<p>As a result of completing the course, the student: 1) has the ability to use: practicing various forms and scope of acquired economic knowledge, supplementing it with critical analysis of effectiveness and usefulness; 2) has the ability to be independent proposing solutions to a specific economic problem and implementing it procedures for making decisions in this regard; 3) is able to give a presentation and independently prepare various specialized written works appropriate for the field of study or in an area on the border of different disciplines scientific, using basic theoretical approaches, collecting various data sources, their description and interpretation, and conclusions based on scientific literature and the results of your own research work. Student as a result of completing the course prepares a description of the ecological business concept (a simple business project) along with a presentation and submits it to public assessment: lecturers, students and invited guests. As a result, the student obtains feedback from independent participants presentations (from various lecturers and other students) about the quality of their idea and indication of what should be improved, included or added when writing the final project as part of the diploma thesis.</p>	<p>[SU2] presentation/project/paper/report</p>

	Course outcome	Subject outcome	Method of verification
	<p>[BiTEMU2_W03] has in-depth knowledge of economic processes, phenomena, entities, structures and institutions as well as the detailed principles of their functioning</p>	<p>As a result of completing the course, the student: 1) describes the relationship between economics and technology ecological, their place in the system of social and exact sciences, 2) has in-depth knowledge about economic processes, phenomena, entities, structures and institutions, and about detailed principles of their operation; 3) has in-depth knowledge of the views on about selected types of entities, structures and economic institutions and selected categories of economic ties and their historical evolution; 4) lists i describes the basic concepts and principles of industrial property protection and law copyright, the need to manage intellectual property resources and rules using patent information resources; 5) describes the principles of creation and development forms of individual entrepreneurship using knowledge from the field of science economic - in the field of technical construction of business projects; - In in terms of obtaining information from stakeholders, - in terms of developing concepts from initial stages to mature business concepts and business plans. Student acquires knowledge of building business concepts, improving them, and confronting them opinions of other people, transforming them into mature business plans and defending your own business concept.</p>	<p>[SW2] presentation/project/paper/report</p>

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	[BiTEMU2_U07] proposes processes and methods of water treatment, sewage and waste gas treatment, environmental remediation, and waste management used in environmental protection	As a result of completing the course, the student: 1) has the ability to use: practicing various forms and scope of acquired economic knowledge, supplementing it with critical analysis of effectiveness and usefulness; 2) has the ability to be independent proposing solutions to a specific economic problem and implementing it procedures for making decisions in this regard; 3) is able to give a presentation and independently prepare various specialized written works appropriate for the field of study or in an area on the border of different disciplines scientific, using basic theoretical approaches, collecting various data sources, their description and interpretation, and conclusions based on scientific literature and the results of your own research work. Student as a result of completing the course prepares a description of the ecological business concept (a simple business project) along with a presentation and submits it to public assessment: lecturers, students and invited guests. As a result, the student obtains feedback from independent participants presentations (from various lecturers and other students) about the quality of their idea and indication of what should be improved, included or added when writing the final project as part of the diploma thesis.	[SU2] presentation/project/paper/report
Subject contents	<p>1. The process of planning enterprise activities 2. The concept and need for creating a business plan 3. Functions and usefulness of a business plan 4. Structure of the business plan 5. The essence of strategic and marketing analysis of the project 6. Financial aspects of the business plan 7. Analysis of business plan case studies 8. Features of business plans in ecological business 9. The role of technique and technology in the business plan 10. Business plan as a source of financing 11. Business concept drafts</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Project	50.0%	100.0%
Recommended reading	Basic literature	- Pawlak Z., Biznesplan - zastosowania i przykłady, Wydawnictwo Poltext, Warszawa 2008; - Skrzypek J. T., Biznesplan model najlepszych praktyk, Wydawnictwo Poltext, Warszawa 2009;	
	Supplementary literature	- Tokarski A., Tokarski M., Wójcik J., Biznesplan w praktyce, Wydawnictwo CeDeWu, Warszawa 2010.	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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