COURSE UNIT (MODULE) DESCRIPTION

Course unit (module) title	Code
SUSTAINABLE BUSINESS MANAGMENT AND SOCIETY	

Academic staff	Core academic unit(s)
Coordinator: Prof. Habil. Dr Remigijus Čiegis	Vilnius University Kaunas Faculty Institute of Social Sciences and Applied Informatics Muitinės str. 8, LT-44280 Kaunas

Study cycle	Type of the course unit
Second cycle	Compulsory, Individual studies

Mode of delivery	Semester or period when it is delivered	Language of instruction
Face to face/Remote	Autumn semester	English

Requisites	
Prerequisites: -	**Co-requisites (if relevant):** -

Number of ECTS credits allocated	Student's workload (total)	Contact hours	Individual work
5	130	50	80

Purpose of the course unit		
The objective of the course – to introduce students with the methods of evaluation of the main economic, social and environmental problems. The knowledge acquired during the course would form the backgroundfor holistic thinking and would allow critical and constructive assessment of economic, social and ecological situation of the country in the context of sustainable development, the decisions of businessmen's and policy makers and Government interventions into the markets by getting insight ofinteractions and reasons of phenomenon.		
Learning outcomes of the course unit	**Teaching and learning methods**	**Assessment methods**
The students will be able to plan, coordinate and to lead complex team, project building activities, to analyse the main factors of macroeconomic, social and ecological business environment and based on this analysis and taking into consideration intercultural context to reason management decisions in developing strategies of international business, and to take personal responsibility achieving common goals.	Lectures Seminars Homework (choose a scientific problem of Sustainable Business Management and Society Development and make theoretical analysis of it; give the possible solutions of this problem).	Exam (test with questions of open and closed type) Colloquium (test with questions of open and closed type) Evaluation of Homework
The students will be able self-sufficient to learn and elevate professional competences in the fields of environmental management, environmental economics, sustainable development, macroeconomics, taking newest scientific knowledge and practical novelties in the professional field.	Lectures Seminars Homework (choose a scientific problem of Sustainable Business Management and Society Development and make theoretical analysis of it; give the possible solutions of this problem).	Exam (test with questions of open and closed type) Colloquium (test with questions of open and closed type) Evaluation of Homework
The students will get knowledge about the classical and modern theories and methodologies of environmental	Lectures Seminars Homework (choose a scientific	Exam (test with questions of open and closed type) Colloquium (test with questions of open and closed type)

management, environmental economics and sustainable development and will have the competence to compare and assess critically the advantages and weaknesses of their use in practice of business sustainable management	problem of Sustainable Business Management and Society Development and make theoretical analysis of it; give the possible solutions of this problem)	Evaluation of Homework
The students will be able analyse the relationship and mutual impacts between economic, social and environmental development of country and business development, using for this analysis methods of international and local business environment	Lectures Seminars Homework (choose a scientific problem of Sustainable Business Management and Society Development and make theoretical analysis of it; give the possible solutions of this problem).	Exam (test with questions of open and closed type) Colloquium (test with questions of open and closed type) Evaluation of Homework
The students will have the competence to assess critically the situation of macroeconomic, social and environmental business environment and evaluate the efficiency of implemented policy measures and based on this assessment to make decision in international business development	Lectures Seminars Homework (choose a scientific problem of Sustainable Business Management and Society Development and make theoretical analysis of it; give the possible solutions of this problem)	Exam (test with questions of open and closed type) Colloquium (test with questions of open and closed type) Evaluation of Homework
The students will get knowledge about the results of national and global macroeconomic business environment evaluation studies and will be able analyse the main factors of macroeconomic, social and ecological business environment and integrating knowledge about the classical and modern theories of environmental management, environmental economics and sustainable development, taking into account them, to reason management decisions in strategies of international business, and in this way improving the practice of international business management.	Lectures Seminars Homework (choose a scientific problem of Sustainable Business Management and Society Development and make theoretical analysis of it; give the possible solutions of this problem	Exam (test with questions of open and closed type) Colloquium (test with questions of open and closed type) Evaluation of Homework

Content	**Contact hours**							**Individual work: time and assignments**	
	Lectures	Tutorials	Seminars	Exercises	Laboratory work	Internship	**Contact hours, total**	**Individual work**	**Tasks for individual work**
Introductory lecture. Introduction to the course	2						2		
Interaction between economy and environment: economic development and its impact to global, regional and local environment – historical view	2						2	2	The lectures will be delivered providing the theoretical and practical material. During seminars the student's theoretical knowledge and ability to analyse economic, environmental and social situation and decisions of
Material and energy flows: material flows and strategies of its management;energy, its alternative systems and effective production technologies.	2						2	2	

Content	Contact hours							Individual work: time and assignments	
	Lectures	Tutorials	Seminars	Exercises	Laboratory work	Internship	**Contact hours, total**	**Individual work**	**Tasks for individual work**
The management models for environmental resources: material balance model and economic functions of environment, R. Coase theorem and its use. Sustainable yield curve. Environmental Kuznets curve	4		4				8	8	policy makers in the sustainable development concept view will be checked out. The students will be required to prepare report at home and present the results and main finding of the report during seminars. The aim of report is to show the theoretical essence of the to field or problem, which is analysed, and present the conclusions and results of the analysis by identifying the efficiency of implemented policies. During the theoretical lectures the problematic discourse would be applied. During the seminars the sectional work will be applied and the reports of students will be presented and discussed throughout. The colloquium will be performed in the middle of course to allow students to present their knowledge and to get evaluation for the first half of the course.
Business and "green" management: views to relations between nature and society and sustainable business development; social responsibility of business; green management models of firms; systems of environmental protection management.	2		2				4	4	
Sustainable industry: environmentally friendly production, life-cycle of product ecological designing.	2						2	4	
The problems of use of natural resources: market and society. The use of common and private resources. The protection of exhaustible resources	2		2				4	6	
Preparing for an interim settlement								14	
Current problems and sustainable development: global, regional and national economic, social and environmental problems in the context ofsustainable development; The road towards sustainability: historical perspective	2						2	2	The lectures will be delivered providingthe theoretical and practical material. During seminars the students theoretical knowledge and ability to

Content	Contact hours							Individual work: time and assignments	
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Theoretical aspects of sustainable development concept: economic dimension of sustainable development, social dimension of sustainable development, ecological dimension of sustainable development, the importance of institutional dimension for implementation of sustainable development	4		2				6	8	analyse economic, environmental and social situation and decisions of policy makers in the sustainable development concept view will be checked out. Thestudents will be required to prepare report at home and present the results and main finding ofthe report during seminars. The aim of report is to showthe theoretical essence of the to field or problem, which is analysed, and present the conclusions and results of the analysis by identifying the efficiency of implemented policies. During the theoretical lecturesthe problematic discourse would be applied. During the seminars the sectional work willbe applied and the reports of students will be presented and discussed throughout. The colloquium will be performed in the middle of course to allow students to presenttheir knowledge and to getevaluation for the first half of the course.
Strategical management of implementation of sustainabledevelopment	2						2	2	
Implementation of sustainable development in different branches of economy: sustainable energy, sustainable agriculture and forestry: food and fibbers,sustainable fishery, sustainable transport:towards sustainable mobility	2		4				6	4	
Urbanization and sustainable cities: theoretical background, the tendencies of urbanization, analysis of sustainable city conception. The strategies for development of sustainable cities. The assessment of efficiency of implementation of sustainability principlesin EU, Baltic Region and Lithuania.	2						2	4	
Assessment of sustainable development: the shortages of traditional macroeconomic indicators for assessment of sustainability. Economic and environmental indicators of sustainable development. Sustainable social development and its evaluation, complex integrated evaluation of sustainable development of state and its regions	2						2	4	
Ethics of sustainable development and ecological ethics.	2		2				4	2	
Preparing for the exam and Storage		2					2	14	
Total	**32**	**2**	**16**				**50**	**80**	

Assessment strategy	Weight, %	Deadline	Assessment criteria
Colloquium	30 %	9 – 10 week	Written test consists of open and closed questions. Evaluation: 3: Excellent knowledge and competences. 90-100 % of right answers. 2,5: Good knowledge and competences. There are some

Assessment strategy	Weight, %	Deadline	Assessment criteria
			insignificant mistakes or minor shortcomings. 70-89 %of right answers. 2: Average knowledge and competences. There are some mistakes 50-69 % of right answers. 1,5: Knowledge and competences are below average.There are major mistakes. 30-49 of right answers. 1: Knowledge and competences correspond to minimal requirements. There are many major mistakes. 10-29 % of right answers. 0: The minimal requirements are not satisfied. 0-9 % of right answers.
Homework (abstract)	20 %		The students will be required to prepare report up to 20-25 pages) at home and present the results and main finding of the report during seminars. The aim of reportis to analyze the outcomes of some economic–socialfield of development from the sustainable development viewpoint in Lithuania, compare with similar situation inother EU member states and present the conclusions and results of the analysis. Assessment scores: 2,0 – the work is completed according all requirements, quality of work is excellent. 90-100% of work tasks are fully completed, references are cited appropriately, there are no spelling or grammar mistakes, there are no contradicting arguments in all chapters of the work, and structure of work is well done, logical. 1,5- the work is well done, 70-89% of work tasks are completed, references are cited properly, there are no contradicting arguments in all chapters of the work, and structure of work is well done, logical. There are several minor shortcomings in the work. 1,0–work is done satisfactory, 50-69% work tasks are completely. There are some spelling and grammar mistakes, there same mistakes in citing and references. There are some contradictions between chapters of the work. There are less than two major shortcomings in the work. 0,0 – work is done not satisfactory. Just 40-0% of work tasks are completed. There are mistakes in citing, spelling and grammar mistakes, logical contradictionsbetween chapters, structure of work is poor. There are more than two major weaknesses in the work
Exam	50 %	Exam date	Written test consists of open and closed questions. Evaluation: 5,0: Excellent knowledge and competences. 90-100 % of right answers. 4,0: Good knowledge and competences. There are some insignificant mistakes or minor shortcomings. 70-89 % of right answers. 3,0: Average knowledge and competences. There are some mistakes 50-69 % of right answers. 2,5: Knowledge and competences are below average.There are major mistakes. 30-49 of right answers. 1,2: Knowledge and competences correspond to minimal requirements. There are many major mistakes. 10-29 % of right answers. 0: The minimal requirements are not satisfied. 0-9 % of right answers.

Assessment strategy	Weight, %	Deadline	Assessment criteria
For positive final evaluation must be accumulated noless as 5,0 score. The final mark is presented not later than 4 days after the examination.			
For the external examination, the following formula is applied: Final grade = (Homework grade)*0,2 + (Colloquium grade)*0,3 + (Examination grade)*0,5			
In cases when the Assessment Strategy includes a written assignment (written work, research paper, project, etc.) and the Assessment Criteria do not include a defence or an oral presentation of the written work, the lecturer shall have the right to ask follow-up questions in order to make sure that no generative artificial intelligence (AI) tools (ChatGPT, etc.) were used by the student to prepare the assignment (i.e. the content of the work was not generated by AI tools) and, if necessary, to modify or cancel the evaluation of the work.			
Evaluation strategy working remotely the same as expected.			

Author	Year of publication	Title	Issue of a periodical or volume of a publication	Publishing place and house or web link
Required reading				
M. Klavins, W. LealFilho, J. Zaloksnis	2010	Environment and Sustainable Development	Textbook	Riga: Academic Press ofUniversity of Latvia
Thomas Dean	2013	Sustainable Venturing: Entrepreneurial Opportunity in the Transition to a Sustainable		Pearson Entrepreneurship; Prentice Hall
Jeffrey D. Sachs	2015	The Age of Sustainable Development		Columbia UniversityPress
Giles Atkinson, Simon Dietz,	2007	Handbook of sustainable development	Textbook	Cheltenham: Edward Elgar Publishing Limited
Bergh van den J. C. M.	1999	Handbook of Environmental and Resource Economics	Textbook	Northamton: Edward Elgar Publishing
Markandya A., Harou P., Bellu L. G., Cistulli V.	2002	Environmental Economics for Sustainable Growth	Textbook	Cheltenham: Edward Elgar
Pearce D. W., Turner R. K.	1990	Economics of Natural Resources and the Environment	Textbook	New York: Harvester Wheatsheaf
Pearce D. W., Barbier E.	2000	Blueprint for a Sustainable Economy	Textbook	London: Earthscan Publications Ltd.
Recommended reading				
Pearce D. W., Warford J. J	1993	World without end: economics, environment, and sustainable development	Textbook	New York: Oxford University Press
Tietenberg T. H.	1992	Environmental Economics and Policy	Textbook	New York: HarperCollins College Publishers
Turner R. K., Pearce D. W., Bateman I.	1994	Environmental economics. An elementary introduction	Textbook	New York: Harvester Wheatsheaf
Callan S. J., Thomas H. M.	1996	Environmental economics and management: theory, policy, and applications	Textbook	Chicago: Irwin
Folmer I. et al.	1995	Principles of environmental and resource economics: a guide for students and decision-makers	Textbook	Aldershot: Edward Elgar Publishing Company
Jacobs M.	1991	The Green Economy: Environment, Sustainable	Textbook	London: Pluto Pres

Author	Year of publication	Title	Issue of a periodical or volume of a publication	Publishing place and house or web link
		Development and the Politics of the Future.		
Oates W. E. et al.	1992	The Economics of the Environment	Textbook	Aldershot: Edward Elgar Publishing Company
Dorfman R., Dorfman N.	1972	Economics of the Environment	Textbook	New York: W. W. Norton & Company