



COURSE UNIT (MODULE) DESCRIPTION

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

Academic staff	Core academic unit(s)
Coordinating: Prof. Habil. Dr Remigijus Čiegis Other:	Kaunas Faculty Institute of Languages, Literature and Translation Studies <input type="checkbox"/> Institute of Social Sciences and Applied Informatics <input checked="" type="checkbox"/>

Study cycle	Type of the course unit
First <input type="checkbox"/> Second <input checked="" type="checkbox"/>	Compulsory Course <input checked="" type="checkbox"/> Optional Course <input type="checkbox"/> Course Unit (Module) of the General University Studies <input type="checkbox"/> Course Unit (Module) of Individual Studies <input type="checkbox"/> Interdisciplinary Studies Course Unit (Module) <input checked="" type="checkbox"/>

Mode of delivery	Semester or period when it is delivered	Language of instruction
Face to face	3 rd semester	English

Requisites	
Prerequisites:	Co-requisites (if relevant):

Number of ECTS credits allocated	Student's workload (total)	Contact hours	Individual work
5	130	48	82

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 background for 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 of interactions 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	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

business, and to take personal responsibility achieving common goals.		
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 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	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 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	Workshops	Laboratory work	Internship	Contact hours, total	Individual work	Tasks for individual work
1. Interaction between economy and environment: economic development and its impact to global, regional and local environment – historical view	2						2	2	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
2. Material and energy flows: material flows and strategies of its management; energy, its alternative systems and effective production technologies.	2						2	2	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
3. 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	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
4. 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	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
5. Sustainable industry: environmentally friendly production, life-cycle of product ecological designing	2						2	4	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
6. The problems of use of natural resources: market and society. The use of common and private resources. The protection of exhaustible resources	4		2				6	6	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
Preparing for an interim settlement								14	
7. Current problems and sustainable development: global, regional and national economic, social and environmental problems in the context of sustainable development; The road towards sustainability: historical perspective	2						2	2	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
8. Theoretical aspects of sustainable development concept: economic dimension of sustainable development,	4		2				6	8	Analysis of scientific literature for this topic. Preparing for

social dimension of sustainable development, ecological dimension of sustainable development, the importance of institutional dimension for implementation of sustainable development									an interim settlement (colloquium) Preparation of homework
9. Strategical management of implementation of sustainable development	2						2	2	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
10. 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	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
11. 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 principles in EU, Baltic Region and Lithuania.	2						2	4	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
12. 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	4	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
13. Ethics of sustainable development and ecological ethics.	2						2	4	Analysis of scientific literature for this topic. Preparing for an interim settlement (colloquium) Preparation of homework
Preparing for the exam								14	
Total	32		16				48	82	
Up to 2 contact hours may be replaced by guest lectures given by social partners or educational visits to social partner organisations.									

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 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.

			<p>1: Knowledge and competences correspond to minimal requirements. There are many major mistakes. 10-29 % of right answers.</p> <p>0: The minimal requirements are not satisfied. 0-9 % of right answers.</p>
Homework (abstract)	20 %		<p>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 report is to analyze the outcomes of some economic-social field of development from the sustainable development viewpoint in Lithuania, compare with similar situation in other EU member states and present the conclusions and results of the analysis.</p> <p><u>Assessment scores:</u></p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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 contradictions between chapters, structure of work is poor. There are more than two major weaknesses in the work.</p> <p>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.</p>
Exam	50 %	Exam date	<p>Written test consists of open and closed questions.</p> <p>Evaluation:</p> <p>5,0: Excellent knowledge and competences. 90-100 % of right answers.</p> <p>4,0: Good knowledge and competences. There are some insignificant mistakes or minor shortcomings. 70-89 % of right answers.</p> <p>3,0: Average knowledge and competences. There are some mistakes 50-69 % of right answers.</p> <p>2,5: Knowledge and competences are below average. There are major mistakes. 30-49 of right answers.</p> <p>1,2: Knowledge and competences correspond to minimal requirements. There are many major mistakes. 10-29 % of right answers.</p> <p>0: The minimal requirements are not satisfied. 0-9 % of right answers.</p>
			For positive final evaluation must be accumulated no less as 5,0 score.

REGARDING THE EXTERNAL EXAMINATION OF THE COURSE UNIT

Mark <input checked="" type="checkbox"/>			If permitted, please provide the conditions
Not permitted	<input type="checkbox"/>	Permitted	<input checked="" type="checkbox"/>

Mark <input checked="" type="checkbox"/>			If permitted, please provide the conditions
Not permitted	<input type="checkbox"/>	Permitted	<input checked="" type="checkbox"/>
For those wishing to take the external examination of this course unit, the course assessment consists of a essay, which must be submitted to the lecturer via email (or uploaded to the e-learning platform) no later than 5 days before the exam, colloquium and an exam (50%). When evaluating a project/essay and an exam, the same criteria are applied as when studying the subject regularly.			

REGARDING THE USE OF GENERATIVE ARTIFICIAL INTELLIGENCE (GenAI) TOOLS (SUCH AS "CHATGPT", ETC.) WHEN STUDYING THE COURSE UNIT

Mark <input checked="" type="checkbox"/>			If permitted, please provide the conditions
Not permitted	<input type="checkbox"/>	Permitted	<input checked="" type="checkbox"/>

Mark <input checked="" type="checkbox"/>			If permitted, please provide the conditions
Not permitted	<input type="checkbox"/>	Permitted	<input checked="" type="checkbox"/>
GenAI may only be used if the lecturer specifies that a particular assignment may be completed using GenAI; otherwise, it will not be graded. If the use of GenAI tools is permitted for completing assignments, the citation requirements set forth in the <u>Guidelines for the Use of Artificial Intelligence at Vilnius University</u> must be strictly followed.”			

REGARDING ACADEMIC PROGRESS

A student who fails to complete all interim assessment requirements and tasks within the time specified in the course description, is not allowed to participate in the examination session.

Author (-s)	Publishing year	Title	Issue of a periodical or volume of a publication	Publishing house or web link
Required reading				
M. Klavins, W. Leal Filho, J. Zaloksnis	2010	Environment and Sustainable Development		Riga: Academic Press of University of Latvia
Thomas Dean	2013	Sustainable Venturing Entrepreneurial Opportunity in the Transition to Sustainable Future		Pearson Entrepreneurship; Prentice Hall
Jeffrey D. Sachs	2015	The Age of Sustainable Development		Columbia University Press
Giles Atkinson, Simon Dietz	2007	Handbook of sustainable development		Cheltenham: Edward Elgar Publishing Limited
Bergh van den J. C. M.	1999	Handbook of Environmental and Resource Economics		Northampton: Edward Elgar Publishing
Markandya A., Harou P., Bellu L. G., Cistulli V.	2002	Environmental Economics for Sustainable Growth		Cheltenham: Edward Elgar
Pearce D. W., Turner R. K.	1990	Economics of Natural Resources and the Environment		New York: Harvester Wheatsheaf
Pearce D. W., Barbier E.	2000	Blueprint for a Sustainable Economy		London: Earthscan Publications Ltd

Recommended reading				
Pearce D. W., Warford J. J.	1993	World without end: economics, environment, and sustainable development		New York: Oxford University Press
Turner R. K., Pearce D. W., Bateman I.	1994	Environmental economics. An elementary introduction		New York: Harvester Wheatsheaf
Callan S. J., Thomas H. M.	1996	Environmental economics and management: theory, policy, and applications		Chicago: Irwin
Folmer I. et al.	1995	Principles of environmental and resource economics: a guide for students and decision-makers		Aldershot: Edward Elgar Publishing Company
Jacobs M.	1991	The Green Economy: Environment, Sustainable Development and the Politics of the Future.		London: Pluto Pres
Oates W. E. et al.	1992	The Economics of the Environment		Aldershot: Edward Elgar Publishing Company
Dorfman R., Dorfman N.	1972	Economics of the Environment		New York: W. W. Norton & Company