

COURSE DESCRIPTION (Group C)

Course code	Course group	Volume in ECTS credits	Course valid from	Course valid to	Reg. No.
APL5006	C	6	2013-06-10	2016-06-10	

Course type (compulsory or optional)	Compulsory
Course level (study cycle)	II cycle
Semester the course is delivered	Autumn
Study form (face-to-face or distant)	Face-to-face

Course title in Lithuanian

DARNUS VYSTYMASIS

Course title in English

SUSTAINABLE DEVELOPMENT

Short course annotation in Lithuanian (up to 500 characters)

Kursas skirtas įgyti žinių apie darnaus vystymosi sampratą, pagrindinius principus, sąveiką tarp aplinkos, ekonomikos, visuomenės sektorių ir darnaus vystymosi rodiklius. Analizuojamos darnios gamybos, vartojimo, išteklių naudojimo efektyvumo problemos, aplinkosaugos interesų integravimas į pagrindinius ekonomikos sektorius, pagrindinės ES darnaus vystymosi strategijos nuostatos ir tendencijos Lietuvoje bei kitose pereinamosios ekonomikos šalyse, Lietuvos darnaus vystymosi strategijos principai, prioritetai, tikslai, uždaviniai ir pasiekimai, jų įgyvendinimo problemos, ekologiško augimo ir „žaliosios“ ekonomikos, OECD šalių žaliojo augimo strategijos, ES plano žemo anglies kiekio ekonomikai bei JT Darnaus vystymosi konferencijos (Rio 2012) baigiamojo dokumento „Ateitis, kurios norime“ ypatumai.

Short course annotation in English (up to 500 characters)

The course is aimed to acquire knowledge on concept and principles of sustainability, interaction between environment, economy, society sectors and indicators of sustainability. Problems of sustainable production, consumption, efficiency of resource use, integration of environmental concerns to main sectors of economy are analysed. The main attitudes of EU strategy for sustainable development, environmental, economic and social trends in Lithuania and other countries of transition economy, main attitudes of Lithuanian strategy for sustainable development, main achievements and problems of its implementation, the main features of “green” economy, OECD green growth strategy, EU plan for low carbon economy and final document of UN conference for Sustainable development (Rio, 2012) “The Future We Want” are discussed.

Prerequisites for entering the course

Environment and Development, EU Environmental Policy

Course aim

The aim of the course – to gain the knowledge on the main concepts, principles and indicators of sustainable development, problems of sustainable production, consumption and efficiency of resource use, main attitudes of Lithuanian and EU strategy for sustainable development, and main feature of green economy.

Links between study programme outcomes, course outcomes and criteria of learning achievement evaluation

Study programme outcomes	Course outcomes	Criteria of learning achievement evaluation
1. Analyse complex environmental problems by determining their causal factors, interactions and	1. Define the core and main terms of sustainable development	Described the origins and history of sustainability concept, characterized the core of sustainable development
		Defined the most important

integrating interdisciplinary knowledge.		terms of sustainability concept
	2.Characterize the main components of sustainable development and their interaction	Characterized the main components of sustainable development, their functions and interaction.
	3.Analyze from the point of sustainability changes in the production and consumption and emerging complex environmental problems	Sumarized from the point of sustainability changes in production and consumption and emerging environmental problems. Grounded the measures promoting sustainable production and consumption.
5.Ground the human health and environmental impact prevention measures in accordance with sustainability principles, Lithuanian and EU legal acts and strategic documents 6. Make knowledge and best practices based, and optimal from the point of sustainability and green economy environmental management decisions.	4.Analyze the main provisions of EU Strategy for Sustainable Development. Describe specific features of sustainable development in countries with transition economy	Described main provisions of initial and renewed EU Strategy for Sustainable Development. Defined the specific features of development in countries of transition economy
	5.Characterize the priorities and principles of Lithuania's National Strategy for Sustainable Development. Assess the achievements and challenges of environmental interest integration into the main sectors of Lithuania's economy, ground environmental impact prevention measures.	Characterized the priorities and principles of Lithuania's National Strategy for Sustainable Development Assessed the achievements and challenges of environmental interest integration into the main sectors of Lithuania's economy. Grounded environmental impact prevention measures.
	6.Sumarize problems and perspectives for sustainable development of Lithuania, EU and globally. Assess possibilities for their solution.	Defined the main principles of „Green economy Characterized the main features of OECD green growth strategy, EU plan for low carbon economy and final document of UN conference for sustainable development (Rio2012) – „The future we want“.

Link between course outcomes and content

Course outcomes	Content (topics)
1.Define the core and main terms of sustainable development	Origins and history of sustainability concept. Main attitudes of sustainability concept. Anthropocentric versus ecocentric approach, categorical imperative versus predictive process, evolution versus revolution. Sustainable development – versatile compromise between different approaches.

	The most important terms of sustainability concept. Growth and development. Weak and strong sustainability. Needs and possibilities of their satisfaction.
2.Characterize the main components of sustainable development and their interaction	The main components of sustainable development- environment, economy, society, their functions and interaction between them. Do they are of equal importance? Environment and its resources – base of sustainable development
3.Analyze from the point of sustainability changes in the production and consumption and emerging complex environmental problems	Indicators of sustainability. Integrated indicators and systems of different indicators. Sustainable production. Principles, ecological efficiency of production and services. Social efficiency of production. Measures promoting sustainability of production. Sustainable consumption. Environmental impact of consumption. Social problems of consumption. Behaviour of consumers and society of consumers. Measures promoting sustainability of consumption. EU cohesion policy and convergence of member states from the point of sustainability.
4.Analyze the main provisions of EU Strategy for Sustainable Development. Describe specific features of sustainable development in countries with transition economy	The EU Strategy for Sustainable Development and its key provisions. EU enlargement and updated Strategy for Sustainable Development. Specific features of development in the countries of transition economics. Transformation of Lithuania’s economy after the regaining the independence. Comparison of economic development, resource use and environmental pollution changes in different countries in transition.
5.Characterize the priorities and principles of Lithuania’s National Strategy for Sustainable Development. Assess the achievements and challenges of environmental interest integration into the main sectors of Lithuania’s economy, ground environmental impact prevention measures.	Priorities, principles, goals, objectives and implementation stages of Lithuania’s National Strategy for Sustainable Development. The updated National Strategy for Sustainable Development Cardiff process: the integration of environmental concerns into the main sectors of the economy. Integration of environmental concerns into transport, energy and industrial sectors (achievements and problems). Integration of environmental concerns into agriculture, housing and tourism sectors (achievements and problems). Environmental impact prevention measures.
6.Summarize problems and perspectives for sustainable development of Lithuania, EU and globally. Assess possibilities for their solution.	Concept of „Green economy“. The main features of OECD green growth strategy and EU plan for low carbon economy Lithuanian and general EU perspectives in the context of final document of UN conference for sustainable development (Rio2012) – „The future we want“.

Study (teaching and learning) methods

Teaching methods: Telling, consulting, discussion, case analysis, example provision.

Learning methods: search and analysis of information, discussions, case studies, preparation of

presentations.

Methods of learning achievement assessment

Written open test, assessment of presentations.

Distribution of workload for students (contact and independent work hours)

Lectures	30 hours
Seminars	
Group work	
Practical work	30 hours
Practice	
Individual students work	96 hours
Consultations	4 hours
Total:	160

Structure of cumulative score and value of its constituent parts

Midterm exam – 25 %, practical work – 25 %, final exam – 50 %.

Recommended reference materials

No	Publication year	Authors of publication and title	Publishing house	Number of copies in		
				University library	Self-study rooms	Other libraries
Basic materials						
1.	2011	<i>Nacionalinė darnaus vystymosi strategija.</i> (Atnaujinta 2009 m. rugsėjo 16 d. Nr. 1247, Vilnius	Lututė, 100 p.	15	5	
2	2008	Juknys R. <i>Darnus vystymasis</i>	Kaunas: VDU, 236 p.	15	10	
3.	2006	Dresner S. <i>The principles of sustainability</i>	<i>Earthscan</i> , London. 200 p.	?		
4	2005	Gibson R. et al. <i>Sustainable development, criteria and processes.</i>	<i>Earthscan</i> , London. 254 p.	?		
Supplementary materials						
1.	2006	<i>Renewed EU Sustainable Development Strategy</i>	http://register.consilium.europa.eu			
2	2010	<i>Darnaus vystymosi rodikliai</i>	Vilnius: Statistikos departamentas ir Aplinkos apsaugos agentūra, 50 p. http://aplinkotyra.vdu.lt			
3.	2002	Kraemer R. A. Results of the “Cardiff Process” – assessing the state of development and charting the way ahead	www.eurofound.europa.eu .			

Course programme designed by

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