

Study program: Bachelor academic studies: ECOLOGICAL ECONOMICS (BASEEC)			
Type and level of studies: Bachelor academic studies, I level			
Subject name: Climate Change and Global Ecology		Subject code	6E4PGE
Professor: dr Viktor D. Radun, assistant professor			
Subject status: Mandatory			
Number of ECTS: 6			
Condition: none			
Subject goal Introducing students to the complex issue of climate change impacts on the global economy and their interdependent relation and influence.			
Subject outcome Students are able to analyze complex issues regarding the management of adaptation to climate change in the context of sustainable economic development.			
Subject content <i>Theoretical classes</i> Causes and consequences of climate change; strategic and the institutional framework for managing climate change at the global level; efficient management of resources in the context of stabilizing greenhouse gas emissions; climate change and reducing poverty; managing adaptation of climate change; the costs of adaptation to climate change; costs of reducing greenhouse gas emissions; challenges of transition to low-carbon economy; sustainable forest management in the context of reducing CO2 emissions. <i>Practical classes</i> Draft and simulation of estimation model of the overall impact of climate change on the economy.			
Literature			
<ol style="list-style-type: none"> 1. Wolfson, R. (2011). Energy, Environment and Climate. Norton, W. W. & Company, Inc. 2. Hallegate, S. et al. (2016). Managing the Impacts of Climate Change on Poverty. 3. Wagner, G. and Weitzman, M.L. (2016). Climate Shock: The Economic Consequences of a Hotter Planet. World Bank. Washington. 4. Louise Kessler, Grantham Institute on Climate Change and the Environment, Department of Geography and Environment, London School of Economics, 2015. 			
Number of active teaching classes			Other classes
Lectures:2(30)	Practices: 2,6(39)	Other class forms:	Study research paper:
Teaching methods Theoretical and practical classes, consultations, testing knowledge through 2 colloquiums and written exam.			
Knowledge evaluation (maximum number of points is 100)			
Pre-exam obligations	points	Final exam	points
Activity during classes	10	Written exam	50
Practical classes	20	Oral exam	
Colloquiums (2x10)	20		