

## SYLLABUS

Subject	Science Category	Faculty	Department
Economics of Natural Resources and the Environment	Social Sciences, Economics (04S)	Kaunas Faculty	Institute of Social Sciences and Applied Informatics

Number of ECTS credits allocated	Student's workload (total)	Contact hours	Individual work
7	200	16	186

Annotation
<p>The objective of the course – to introduce doctoral students with the methods of evaluation of the main business environmental management, economic 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 and ecological situation of the business environment and economy in the context of environmental economics, the decisions of businessmen's and policy makers and Government interventions into the markets by getting insight of interactions and reasons of phenomenon. In the course will be analyzed interaction between economy and environment and price mechanism in protection of environment and use of natural resources; the management models for environmental resources in the context of "green" management; taxes for pollution and use of natural resources, including the usefulness of ecological taxes in the environmental policy and use of this instrument in Lithuania practice in the context of the use of common and private resources; method of marketable emission permits for the protection of the environment: the essence of the method, the systems of marketable emission permits and the variants of the use of marketable emission permits in the real markets; the main principles of creation of economic mechanism of environmental protection; the problems of economic assessment in environmental protection and use of natural resources: economic and environmental indicators for assessment of economic development, environmental assessment, the methods of environmental assessment.</p>
Required reading
1. Čiegis R. <i>Gamtos išteklių ir aplinkos ekonomika</i> . Klaipėda, 2009. 772 p. ISBN 978-9955-18-375-4
2. Štreimikienė D., Čiegis R. <i>Gamtonaudos ekonomika ir gamtinių išteklių vertinimas</i> . Vilnius, 2014. 245 p. ISBN 978-609-459-343-7
3. Čiegis R. <i>Aplinkos ekonomikos vertinimas</i> . Klaipėda, 2015. 180 p. ISBN 978-9955-18-828-5
4. Pearce D. W., Turner R. K. <i>Economics of Natural Resources and the Environment</i> . New York: Harvester Wheatsheaf, 1990
5. Bergh van den J. C. M., (ed.). <i>Handbook of Environmental and Resource Economics</i> . Northampton: Edward Elgar Publishing, 1999.
6. W. E. Oatis. <i>The Economics of the Environment</i> . Cambridge: Cambridge University Press, 1992.
Recommended reading
1. Pearce D. W., Barbier E. <i>Blueprint for a Sustainable Economy</i> . London: Earthscan Publications Ltd., 2000.
2. R. U. Ayres, K. Button, P. Nijkamp. <i>Global aspects of the environment</i> . Volume I and II.. Northampton: Edward Elgar Publishing, 1999
3. A. Markandya , D. W. Pearce. <i>Environmental Policy Benefits: Monetary Valuation</i> . Paris: OECD, 1990.

Consulting Professors	Degree	Key publications during the last 5 year
Remigijus Čiegis	Professor, Hab. Doctor of Social Sciences	<p>1. D. Streimikiene, A. Mikalauskiene, R. Ciegis. Sustainable Development, Leadership, and Innovations. Broken Sound Parkway: Taylor &amp; Francis Group, LLC, 2020. ISBN 978-0-367-36943-9.</p> <p>2. R. Čiegis, A. Dilius, D. Štreimikienė. <i>Pajamų nelygybės poveikio ekonomikos augimui ir darniam vystymuisi vertinimas Europos Sąjungos šalyse</i>. Vilnius: Vilniaus universiteto leidykla, 2020. ISBN 978-609-07-0374-8.</p> <p>3. R. Čiegis. <i>Neoklasikinės sintezės modeliai ir jų indėlis į ekonominės minties raidą</i>. Vilnius: Vilniaus universiteto leidykla, 2021. ISBN 978-609-07-0649-7.</p>

		4. Gryshova I., Shabatura T., Girdzijauskas S., Streimikiene D., Ciegis R., Griesiene I. <i>The Paradox of Value and Economic Bubbles: New Insights for Sustainable Economic Development</i> . // Sustainability. 2019. Vol. 11, 6888; doi:10.3390/su11246888.

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