COURSE INFORMATION SHEET

University: Catholic University in Ružomberok	
Faculty: Faculty of Education	
Course code: KGE/Ge-MD112A/22	**Course title:** Global Environmental Problems
Type and range of planned learning activities and teaching methods: **Form of instruction:** Lecture / Seminar **Recommended study range:** **hours weekly:** 1 / 1 **hours per semester:** 13 / 13 **Teaching method:** on-site	
Credits: 2	**Working load:** 50 hours
Recommended semester/trimester: 4.	
Level of study: II.	
Prerequisities:	
Requirements for passing the course: Completing the course requires a comprehensive approach to the processes of global environmental threats on Earth. The student will understand the synergistic effect of abiotic, biotic, climatic and social factors on the state of the global environment. Subject evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% Fx – 59%- 0%	
Learning outcomes of the course: After completing the subject, the student will acquire the following knowledge, skills and competences: - The student can identify global threats, knows long-term forecasts of climate development (greenhouse effect, ozone layer), shifting of bioclimatic zones, sufficiency of food, raw materials and energy sources. - Responds positively to the needs of the "green" economy, waste minimization, access to drinking water, reduction of industrial emissions, obtaining energy from renewable sources, and other issues of environmental sustainability on Earth. - He is aware of the risks of harming health by emissions and chemical pollution (acid rain), soil degradation, and other harmful effects caused by man. - The student will understand that society expects the necessity of changing environmental behavior at all levels of management and environmental policy of the Slovak Republic and the EU.	
Course contents: 1. Globalization of the world and the resulting global problems of humanity. 2. Global changes as a result of global environmental, economic, political and security processes. 3. Global climate changes, warming of the atmosphere due to emissions, the greenhouse effect, weakening of the ozone layer, acid rain, etc. 4. Lack of food (famines), lack of drinking water, pollution and contamination of groundwater, erosion, desertification and loss of soil fertility, etc. 5. Natural disasters, earthquakes, volcanism, hurricanes, rise in the world ocean level, coastal flooding, ocean acidification, changes in the thermo-haline system of ocean circulation, and i. 6. Global threats to the biosphere, including the loss of biodiversity, the decline of forest ecosystems, the spread of alien species.	

7. Increasing urbanization, population growth and overcrowding, lack of raw materials, widening gap between rich and poor
8. Diseases, epidemics and pandemics
9. Accumulation of radioactive and other waste from industrial production.
10. Socio-economic impacts of global changes, migration, stopping of economic growth, war conflicts, etc.
11. Manifestations of global changes in the current extremes of climate and environment in Slovakia, increase in average temperatures, weather disasters, reduction of water resources, impact on agricultural production, etc.
12. International programs in the fight against global changes and to ensure the sustainability of the environment, activities of non-governmental organizations, etc.
13. Global changes in the teaching of environmental geography.

Recommended or required literature:

BLAŠKO, J., JAKAB, I., 2018: Loaned planet – a modern teaching aid for environmental education. In: Environmental education, education and awareness in the Slovak Republic, University of Constantine the Philosopher in Nitra, 36-42.
FILČÁK, R. 2012: Market society and environmental policy: actors and conflicts. Bratislava: VEDA, SAV Publishing House, 2012. 302 p. ISBN 978-80-224-1216-2.
HUBA, M., IRA, V., 2004: Globalization and global environmental problems. Life. Area, Vol. 38, no. 5, 233-236.
IZAKOVIČOVÁ, Z., KOZOVÁ, M., PAUDITŠOVÁ, E. (eds.) 1998: Implementation of sustainable development. Bratislava: ÚKE SAS, 1998. 357 p. ISBN 80-968120-0-9.
LUBYOVÁ, M., FILČÁK, R. (eds.) and others. 2016: Global megatrends: Assessment and challenges from the perspective of the Slovak Republic. Bratislava: Center of Social and Psychological Sciences (CSPV) SAV, 268 pp., ISBN 978#80#970850#2#5
HANUŠIN, J., HUBA, M., IRA, V. et al. 2000. Explanatory dictionary of sustainability terms. Bratislava: Society for Sustainable Life, 2000. 158 p. ISBN 80-968415-3-X.
MEDERLY,, P., 2017: Origins, present and perspectives of environmental policy in the world and in Slovakia. FPV University of Constantine the Philosopher in Nitra, 5-42.
MOLDAN, B., 2015: Conquered planet. Prague: Karolinum, 2015. 511 p. ISBN 978-80-246-2999-5.
NOVÁČEK, P., HUBA, M., MEDERLY., 1998: An endangered planet on the threshold of the 21st century. Palacký University 1-92, Olomouc, 1-92.
VOJTILLA, S., ŠIROKÝ, P., 2009: Global warming in the world. For Mother Earth, Slovak climate coalition, 5-47.
SOTÁK, J., 2016: Geological past and paleogeography of the Earth. VERBUM – KU Ružomberok publishing house, ISBN 978-80-561-0415-6 (CD)

Language of instruction:
Slovak

Notes:

Course evaluation:
Assessed students in total: 13

A	B	C	D	E	FX
61.54	38.46	0.0	0.0	0.0	0.0

Name of lecturer(s): doc. RNDr. Ján Soták, DrSc.

Last modification: 31.08.2022

Supervisor(s):

Guarantor:

Administrátor Systému

People responsible for the delivery, development and quality of the study programme:

prof. ThDr. Rastislav Adamko, PhD., doc. RNDr. Pavel Bella, PhD., prof. PaedDr. Mgr. art. Rastislav Biarinec, ArtD., prof. Irina Chelysheva, DrSc., prof. PaedDr. František Dlugoš, PhD., prof. PhDr. Ingrid Emmerová, PhD., doc. Tatiana Korenkova, CSc., Prof. Dr. hab. Wojciech Józef Kunicki, prof. PaedDr. Milan Ligoš, CSc., doc. Mgr. Eva Litavcová, PhD., prof. PhDr. David Papajík, PhD., doc. Ing. Miroslav Saniga, CSc., prof. Nóra Séllei, PhD., DrSc., PhDr. ThLic. Martin Taraj, PhD., prof. Dr. phil. fac. theol. Peter Volek, prof. Mgr. Martin Zvonař, Ph.D., doc. Ing. Igor Černák, PhD.