

Green Growth and Green Economy (e-learning course syllabus)

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Course number:	Course title: Green Growth and Green Economy
Course structure:	
Total number of learning hours: 1 hour of lecture and 1 hour of seminar per week over a one semester (13 weeks)	
Methodology: e-learning course (MS Teams and Moodle)	
Form: full-time and distance	
Number of credits: 5	
Semester: winter	
Study degree: bachelor, master	
Conditional courses: –	
Conditions for passing the course:	
a) mid-term evaluation: <ol style="list-style-type: none"> 1. seminar work concerning to the assessment of environment: 0 – 20 % 2. seminar work concerning to the environmental problem or economic sector in relation to green growth and green economy: 0 – 30 % b) end-of-term evaluation: test: oral exam	
Learning objectives:	
After completing the course, students will be able to: <ol style="list-style-type: none"> 1. Describe the rationale and core concepts of green growth and green economy and their relations to environmental problems and economic sectors. 2. Distinguish international framework and initiatives in support of a green growth and green economy. 3. Assess the state of the environment by the help of DPSIR model capturing the cause-effect relationships between the society and environment. Identify indicators of driving forces (D), pressure (P), state (S), impact (I) and responses (R). 4. Outline principal opportunities and challenges in key environmental problems and economic sectors and identify enabling conditions for their greening. Provide examples of greening at national level. 	
Course content:	
The course is devoted to the concept and principles of green growth and green economy. The course consists of five modules: <ol style="list-style-type: none"> 1. Integrated environmental assessment and sustainable development. Integrated environmental assessment based on key interactions between the natural environment and human society (by use of DPSIR model). State of the European environment. Sustainable development in international relations and in the EU. 2. Green initiatives as green growth and green economy, definitions, goals, principles. 3. Green initiatives and environmental problems: Climate change, Biodiversity, Natural resources and ecosystem services, Consumption and production, Cities. 4. Green initiatives and economic sectors: Agriculture, Energy, Industry, Transport, and Tourism. 5. Policy tools for delivering green initiatives and monitoring green initiatives progress. Green initiatives in the EU and selected countries. 	

Recommended literature:

1. EUROPEAN COMMISSION, 2020. European Green Deal. [on-line] [cit. 2020-06-20]
https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal_en
2. EUROPEAN ENVIRONMENT AGENCY, 2020. Green Economy. [on-line] [cit. 2020-06-20]
<https://www.eea.europa.eu/soer/2015/europe/green-economy>
3. EUROPEAN ENVIRONMENT AGENCY, 2020. The European environment – state and outlook 2020. Knowledge for transition to a sustainable Europe. EEA, 2019, ISBN 978-92-9480-090-9, 499 p. [on-line] [cit. 2020-06-20]
<https://www.eea.europa.eu/publications/soer-2020>
4. KANIANSKA, R. 2017. Green Growth and Green Economy. Textbook to the course Green growth and green economy. Belianum: Banská Bystrica, 70 p.
5. OECD, 2020. Green growth and sustainable development. [on-line] [cit. 2020-06-20]
<https://www.oecd.org/greengrowth/>
6. UNEP, 2020. Green Economy. [on-line] [cit. 2020-06-20]
<https://www.unenvironment.org/explore-topics/green-economy>

Language: English

Evaluation:

A	B	C	D	E	FX
a	b	c	d	e	F

Student time load: 116 hours, of which:

- lectures and seminars: 26 hours
- 2 seminar works and their presentation preparation: 30 hours
- self-study: 60 hours

Course lecturer:

lectures: assoc. prof. Radoslava Kanianska
seminars: assoc. prof. Radoslava Kanianska
language: English

Date: 24. 6. 2020

Approved by: