

Sustainability (BAI0050)

Thematics

Week	Subject	Remarks
1.	Requirements and thematics. „A Short Story of Progress.”	
2.	First steps in Prehistoric Times. Extinction of species.	
3.	Effects of Neolithic Revolution: deforestation and soil degradation.	
4.	Progress and regression in waste management	
5.	Effects of industrial revolution, the beginning of air pollution	
6.	Emission of carbon dioxide and the climate crisis	
7.	Importance of renewable energy sources	Test I.
8.	The Meadow’s law. The example of the ozone hole	
9.	Fundamental ideas of sustainability and its indicators	
10.	Practical relevance of ecological footprint	
11.	Basics of circular economy. Sustainable cities	
12.	Population growth and sustainable households	
13.		Test II.
14.	Consultation	

Requirements

Credit:	4
Participation	Compulsory
Requirements:	Two in-class test and one classroom presentation.
In class test/mark:	<p>0-49 % mark 1</p> <p>50-59 % mark 2</p> <p>60-79 % mark 3</p> <p>80-89 % mark 4</p> <p>90-100 % mark 5</p>
Sources:	<p>Theis, T. (2015): Sustainability: A Comprehensive Foundation. https://open.umn.edu/opentextbooks/textbooks/96</p> <p>Kiss F. and Webstre K. eds. (2001): A környezet védelmétől a fenntarthatóság felé https://www.nyf.hu/others/html/kornyezettud/book/nyitolap.htm</p> <p>Kiss F., Vallner Judit (2000): Környezettudományi alapismeretek, a „Természettudományi Alapismeretek” c. tankönyvben (szerk.: Iszák Ferenc), Nyíregyháza, Bessenyei György Könyvkiadó, 403-480. o.</p> <p>Molnár M, Hörcsik TZs, Szabó S, János I, Kiss F. (2018) Principle of life. https://mooc.nye.hu/course/index.php?categoryid=3</p> <p>Markham, Adam: A Brief History of Pollution, 1994</p> <p>Derek Wall: Green History, 1993</p>
Web:	<p>https://www.undp.org/sustainable-development-goals</p> <p>https://www.eea.europa.eu/en/topics/at-a-glance/sustainability</p> <p>https://www.worldwildlife.org/topics/sustainability</p> <p>https://www.greenpeace.org.uk/challenges/sustainability/</p>