

## Tantárgyi program

<b>Course title:</b> Methodological aspects of Scenario building	<b>Neptun code:</b> GTERG423A
	<b>Course type:</b> Elective
<b>Name and position of course coordinator:</b> dr. Tóthné dr. Szita Klára egyetemi tanár	
<b>Name(s) and position(s) of teaching assistant(s):</b>	
<b>Suggested semester:</b> 4th	<b>Prerequisite course(s):</b> --
<b>Weekly lecture+seminar hours:</b> 2+0	<b>Evaluation method:</b> three-scale exam
<b>Credits:</b> 3	<b>Study format:</b> full time and part time
<p><b>Course objectives:</b> The subject increases the scientific knowledge of students related to future. and it gives a theoretical foundation for applied scientific future research, shows the scenario building techniques and steps of it, what is a widely used method in both of global and business. Objective interpretation of the future and the development of alternatives to acquiring skill level.</p>	
<p><b>Course content and structure:</b>  <i>Goal and aim of future study and it's methodological aspects</i>  <i>Scenarios as the possible but they are different in the quality of the future</i>  <i>Methodological aspects of scenario building and tools,</i>  <i>Role of the scenarios in the strategically planning</i>  <i>Scenario building step by step</i>  <i>Assessment of scenarios and the plausibility</i>  <i>The SusHouse project as a methodological model of scenario building.</i>  <i>Global scenarios</i>  <i>Millennium project and the SOFI</i>  <i>Scenarios for sustainable energy supply</i>  <i>Scenarios for world food supply</i>  <i>Business scenarios</i></p>	
<p><b>Evaluation method:</b></p> <p><i>Az aláírás megszerzése: active lesson work and scenario building.</i></p> <p><i>Course assignments: obtaining signatures</i></p> <p><b>Course point distribution, examination format:</b>  report ( well mwt, met do not met) of scenario the evaluation depend on content and visualisation of scenario.</p>	
<p><b>Required reading:</b>  Maria Antonietta Viscio, Eugenio Gargioli, Jeffrey A. Hoffman, Paolo Maggiore, Andrea Messidoro, Nicole Viola (2013): <u>A methodology to support strategic decisions in future human space exploration: From scenario definition to building blocks assessment</u> <i>Acta Astronautica, Volume 91, October–November 2013, Pages 198-217</i>  Gill Ringland (1998): Scenario Planning Managing for the future John Wiley &amp; Sons Chichester-New York- Weinheim-Brisbane-Singapore-Toronto</p>	

Vergragt, Philip (2000): Strategies towards the Sustainable Households SusHose full Report  
SusHouse CD ENV4-CT97\_0446

**Suggested reading:**

Mark Polzynski (2009): Scenario planning <http://flca.net/images/ScenarioPlanning.pdf>

Andrea Beltramello, Linda Haie-Fayle, Dirk Pilat(2013): Why New Business Models Matter for  
Green Growth OECD DOI: 10.1787/5k97gk40v3ln-en

WBCSD (2000): Exploring Sustainable Development WBCSD Global Scenarios 2000-  
2050 [www.wbcsd.org/Pages/.../EDocumentDetails.aspx?ID](http://www.wbcsd.org/Pages/.../EDocumentDetails.aspx?ID)