

<b>Course:</b> Innovation policy in Hungary		<b>Doctoral School in Management Science and Business Administration</b>
<b>Lecturer:</b> Birkner Zoltán		<b>Academic title:</b> Associate professor
<b>Contact hours:</b> 15	<b>Exam:</b> oral exam	<b>Credit:</b> 5
<b>Aims:</b> Understanding the conceptual system and measurement of innovation, exploring factors that determine innovation policy and an analysis of Hungary's new innovation strategy.		
<b>Thematic:</b> <ol style="list-style-type: none"> <li>1., Base concepts: Definition of innovation. Expansion of the concept and review of various trends and tendencies. Measurement of innovation and research &amp; development. Sector and area/region-based approaches.</li> <li>2., Global megatrends and technologies. Answering economic, social, environmental and political challenges that are related to the megatrends of global changes are prominently important for the future of Hungary.</li> <li>3., Innovation policy in the EU. Surpassing the innovational paradox and strengthening industrial competitiveness are key goals of the EU. Thorough analysis of earlier framework programs and those that are under development helps understanding EU innovation policy.</li> <li>4., Economic factors that determine Hungarian innovation policy and the current state of R&amp;D. Structural problems that stem from the very structure of the Hungarian economy impact innovation policy significantly. State and private R&amp;D funding differ.</li> <li>5., Hungary's performance in the field of innovation. There are several known methods to measure innovation; we shall evaluate Hungary's performance by introducing and utilizing them.</li> <li>6., New strategy. Vision for the future and determining targets. Fitting of the RDI strategy to the nationwide departmental and regional/areal strategy.</li> <li>7., New strategy. Execution and monitoring.</li> </ol>		

**Suggested textbooks:**

- 1., Committee of the Regions (2016): Using the Quadruple Helix Approach to Accelerate the Transfer of Research and Innovation Results to Regional Growth. Brussels, 158 p.  
<https://publications.europa.eu/hu/publication-detail/-/publication/6e54c161-36a9-11e6-a825-01aa75ed71a1/language-en>
- 2., EC (2017): Communication of the European Commission “Strengthening Innovation in Europe's Regions: Strategies for resilient, inclusive and sustainable growth”(COM (2017) 376  
[https://ec.europa.eu/regional\\_policy/en/information/publications/communications/2017/strengthening-innovation-in-europe-s-regions-strategies-for-resilient-inclusive-and-sustainable-growth](https://ec.europa.eu/regional_policy/en/information/publications/communications/2017/strengthening-innovation-in-europe-s-regions-strategies-for-resilient-inclusive-and-sustainable-growth)
- 3., EC (2017): SME Performance Review 2017 [https://ec.europa.eu/growth/smes/business-friendly-environment/performance-review\\_en](https://ec.europa.eu/growth/smes/business-friendly-environment/performance-review_en)
- 4., EC (2016): She Figures 2015  
[https://ec.europa.eu/research/swafs/pdf/pub\\_gender\\_equality/she\\_figures\\_2015-final.pdf](https://ec.europa.eu/research/swafs/pdf/pub_gender_equality/she_figures_2015-final.pdf)
- 5., Equinox Consulting (2016): A kutatás-fejlesztési és innovációs támogatások értékelése.  
[https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=2ahUKEwjh\\_PC78rrgAhVjqYsKHaYVDhEQFjAAegQIBBAC&url=https%3A%2F%2Fwww.palyazat.gov.hu%2Fdownload.php%3FobjectId%3D71215&usg=AOvVaw2J1RaLW19zGWdiy0Xpy6xk](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=2ahUKEwjh_PC78rrgAhVjqYsKHaYVDhEQFjAAegQIBBAC&url=https%3A%2F%2Fwww.palyazat.gov.hu%2Fdownload.php%3FobjectId%3D71215&usg=AOvVaw2J1RaLW19zGWdiy0Xpy6xk)
- 6., EU (2017): Lab-Fab-App: Investing in the European future we want  
[http://ec.europa.eu/research/evaluations/pdf/archive/other\\_reports\\_studies\\_and\\_documents/hlg\\_2017\\_report.pdf](http://ec.europa.eu/research/evaluations/pdf/archive/other_reports_studies_and_documents/hlg_2017_report.pdf)
- 7., EC (2018): European Innovation Scoreboard 2018. Main report.  
<https://ec.europa.eu/docsroom/documents/33147/attachments/1/translations/en/renditions/native>
- 8., EMMI (2016): Fokozatváltás a felsőoktatásban. A teljesítményelvű felsőoktatás fejlesztésének irányvonalai.
- 9., Inzelt A. – Bajmócy Z. (szerk. 2013): Innovációs rendszerek. Szereplők, kapcsolatok és intézmények. JATEPress, Szeged [http://real.mtak.hu/15984/1/Inzelt\\_Bajmocy\\_Vegleges.pdf](http://real.mtak.hu/15984/1/Inzelt_Bajmocy_Vegleges.pdf)
- 10., KPMG (2017): A magyarországi európai uniós források felhasználásának és hatásainak elemzése a 2007-2013-as programozási időszak vonatkozásában  
[https://www.palyazat.gov.hu/magyarorszagi\\_europai\\_unios\\_forrasok\\_elemzese](https://www.palyazat.gov.hu/magyarorszagi_europai_unios_forrasok_elemzese)

**Student's role:**