Course Description

Elective Courses

	Course title	Innovation and Information Communication Technologies
	Code	KEF3M21
	Number of the ECTS credits	5 ECTS
	Course director/ name of the lecturer	Dr. Csaba Krasznay
	Course description	Lectures, case discussions, individual and team projects. The coursework is supported by a MOODLE e-learning platform. (0+2)
	Course description	It is relevant to look at public service innovation from an ICT enabled point of view, for at least two reasons: a) ICT enabled innovation has happened in many industries, b) level of ICT development is such that access and affordability is plausible. We do naturally bear in mind, that public service organizations have other pressures to improve efficiency. Especially from the time of the latest global crisis, during the last five-six years discourses about the state have been intensified. In the course we take a case and issue based approach to show how ICT contributes to some of this discourses amongst which some have reached high maturity – like interoperability, inclusion and security – and others are at earlier or test stages of their life cycle, like social media applications our future studies methodologies in e-government. We also put emphasize on originality and empirical results to our topics, this is the main reason we used Hungary and comparative international illustrations to provide added value to students.
	Learning outcomes and course competences	Understanding contemporary ICT, learning the concepts of different type of innovations, understanding security concepts, exercising creativity, getting familiar with cases, developing presentation and group working skills
	Prerequisite(s) for the course	no prerequisites
	Course description	1.) Introduction to innovation and types of innovation
		2.) Measurement of innovation and global comparison
		3.) Technology vs organizational innovation
		4.) The role of governments in innovation - innovation and economic growth
		5.) Innovation in public administration
		6.) Technology driven service innovation,
		7.) Advanced ICTs
		8.) ICT ecosystems and adoption in Central-Eastern Europe,
		9.) Interoperability in e-government, e-inclusiveness in the digital age,
		10.) Security awareness: technical, legal and managerial approaches,
		11.) Disaster management and social media,
		12.) New models for ICT based political communication,
		13.) Cross-border services and ICT support,
		14.) Predicting the future using future studies approach
		15.) Summary
	Semester	1st and 2nd semester

Assessment methods and criteria	The requirement is to attend lessons. Maximum absenteeism is 25%, and if this is exceeded, an individual task defined by the subject instructor is required.
	A 10 pages individual essay should be written, and a group presentation should be held during the semester. Topics are defined at the beginning of the semester.
Grading	Practical grade on five scale grading based on the individual essay and the group presentation.
Literature	Compulsory reading materials: András Nemeslaki (editor): ICT Driven Public Service Innovation, NUPS, 2014, ÁROP project