

DESCRIPTION OF STUDY COURSE

Course unit title	Innovation and Creativity	
Programme	Bachelor International Finance	
Year of study	2 year	
Level of course unit (e.g. first, second or third cycle)	First, Bachelor's study	
Course unit code	BFa041	
Name of lecturer(s)	Lauma Muižniece	
Credit points	6 ECTS	
Language of instruction	English	
Type of course unit (compulsory, optional)	Optional	
Semester when the course unit is delivered	3	
Mode of delivery	face-to-face	
Aim of Course	The aim of the course is to strengthen students' knowledge about innovations, its diverse aspects. The key theme of the course is different innovation elements and their management, with stress on the role of innovation, including science and technology, in entrepreneurship, growth and sustainability of company.	
Preliminary knowledge (prerequisites and co-requisites)	Organization Management, Microeconomics, Macroeconomics	
Course contents	<ol style="list-style-type: none"> 1. Innovation theoretical aspects. 2. The role of science and technology in entrepreneurship, development and sustainability of a company. 3. Innovation, Research and Development (R&D) environment in Latvia and Europe, good practice examples, National innovation system. 4. Research and Development (R&D), types and examples 5. Knowledge and Technology transfer and its sources, technology transfer organizations, examples of cooperation between science and industry. 6. Financial support to innovation. 	
Planned learning activities and teaching methods	Student attends lectures and seminars, does practical works and case study analysis works, develops and presents group and individual works. Final assessment consists of 50% active participation in discussions and seminars, 30% development and presentation of group and individual works, 20% written exam in the end of the course.	
	Teaching methods	Student work load (1 CP = 40 hours of student work)
	Lectures	20%
	Written group work	10%

	Seminars	10%
	Development and presentation of individual work	10%
	Work in the library, independent studies	50%
		Total 160 hours
Learning outcomes of the course unit	<ol style="list-style-type: none"> Students obtain knowledge in innovation, science and technology, research and development meanings, theories and role in development and sustainability of entrepreneurship. Students have skills to develop and formulate business strategies in relation to innovation, Students obtain skills in innovation process management and solving of problem situations. 	
Assessment methods and criteria Recommended or required reading	Learning outcomes	1. 2. 3.
	The form of assessment	
	Written in-class assignments	• • •
	Development and presentation of group and individual works	• • •
	Written exam	• • •
Recommended or required reading	<p><u>Compulsory literature:</u></p> <ol style="list-style-type: none"> Joe Tidd, John Bessant, Managing Innovation: Integrating Technological, Market and Organizational Change, 6th Edition, 2017 Carlota Perez, Technological revolutions and techno-economic paradigms, 2009, http://technologygovernance.eu/files/main/2009070708552121.pdf Erik Arnold et al., Technopolis Group, Latvia: Innovation System Review and Research Assessment Exercise: Final Report, 2014, http://izm.gov.lv/images/zinatne/ZISI/Latvia-systems-review_2014.pdf . León, LR, Miedzinski, M, Reid, A of Technopolis Group (2011) ‘Cohesion policy and regional research and innovation’, http://ec.europa.eu/invest-in-research/pdf/download_en/rkf5th_brochure.pdf Chaminade, C, Edquist C 2006 ‘From Theory to Practice: The Use of the Systems of Innovation Approach in Innovation Policy’ Innovation, Science, and Institutional Change, Jerald Hage and Marius Meeus (ed.), Oxford University press, United States, ISBN 0-19-929919-6, p. 141-160 	



	<p><u>Recommended reading:</u></p> <ol style="list-style-type: none">1. Innovation Union Scoreboard - http://ec.europa.eu/enterprise/policies/innovation/facts-figures-analysis/innovation-scoreboard/index_en.htm2. ‘The Measurement of Scientific and Technological Activities. Oslo Manual. Guidelines for Collecting and Interpreting Innovation Data’ – OECD, 2005, 3rd Edition - [s.l.], OECD Publishing, Eurostat, ISBN 97892640131003. „Frascati manual. Proposed standard practice for surveys on research and experimental development“ – OECD, 2002, Paris, France, OECD Publishing. On-line: http://www.uis.unesco.org/Library/Documents/OECDFrascatiManual02_en.pdf
Assessment methods and criteria	To be agreed at the start of the course.