COURSE UNIT (MODULE) DESCRIPTION

Course unit (module) title	Code
Innovation Management and Technology Transfer	

Lecturer(s)	Department(s) where the course unit (module) is delivered
Coordinator: Prof. Dr. Saulė Mačiukaitė-Žvinienė **Other(s):**	Business School, Saulėtekio al. 22, Vilnius

Study cycle	Type of the course unit (module)
Second	Compulsory

Mode of delivery	Period when the course unit (module) is delivered	Language(s) of instruction
Face-to face, on-line	Spring	English

Requirements for students	
Prerequisites: -	**Additional requirements (if any):** -

Course (module) volume in credits	Total student's workload	Contact hours	Self-study hours
10	260	48	212

Purpose of the course unit (module): programme competences to be developed

Innovation Management and Technology Transfer discipline aims to develop skills and deepen understanding of students how innovation and technology, including knowledge, can help to develop a disruptive vision for businesses. The main objective is to train students from a practical perspective, providing them with an experience in the culture and expertise of different innovation-oriented sectors in Lithuania and beyond. The discipline also focuses on inspiring and connecting the students with the network and opportunities offered by CERN and different business incubators, including frontier research. Through this program, the student immerses in the culture, the leadership style, the approach to innovation, the technological disruption, and other approaches and practical solutions that enhance business to be leading in innovation and entrepreneurship.
The student may choose to specialize in the sector related to the start-up concept.

Learning outcomes of the course unit (module)	Teaching and learning methods	Assessment methods
Students will be able to understand the innovation cycle and adjust knowledge to organizational development.	Lectures, seminars, individual work	Team or individual project, final exam
Students will be able to understand and choose between different innovation strategies and technology transfer means.	Lectures, seminars, individual work	Team or individual project, final exam
Students will be able to form technology transfer cases and analyse the innovativeness of conceptual idea.	Lectures, seminars, individual work	Team or individual project, final exam
Students will ger familiar with science and business sector in Lithuania and beyond.	Lectures, seminars, individual work	Team or individual project, final exam
Students will understand the role of science in innovation ecosystem and its' entrepreneurial development.	Lectures, seminars, individual work	Team or individual project, final exam

Students will be able to understand different cultural and ethical factors in innovation management and technology transfer.	Lectures, seminars, individual work	Team or individual project, final exam

Content: breakdown of the topics	Contact hours							Self-study work: time and assignments	
	Lectures	Tutorials	Seminars	Exercises	Laboratory work	Internship/work	Contact hours	Self-study hours	Assignments
1. Innovation ecosystem: life cycle and innovation adoption at the state, company and individual level	4		4				**5**	**20**	Literature & cases analysis, teamwork
2. Knowledge based and innovation driven business environment	4		3				**6**	**16**	Literature & cases analysis, teamwork
3. Idea management: challenges, advantages and disadvantages	4		4				**7**	**40**	Literature & cases analysis, teamwork
4. Understanding and responding to disruptive technologies	4		4				**6**	**18**	Literature & cases analysis, teamwork
5. Science and business cooperation: tools for innovation driven decision making	4		4				**6**	**28**	Literature & cases analysis, teamwork
6. Project for potential start-up capstone	0		10				**10**	**90**	
Total	**21**		**27**				**48**	**212**	

Assessment strategy	Weight %	Deadline	Assessment criteria
Participation	30%	During lectures	Active participation in course lectures, discussions on case studies, comments to other teams' projects.
Team project	40%	During lectures	In the Team project students in the groups of 2-3 students will work on innovation driven approaches, potential ideas, analyze science-based practices, evaluate commercial potential of research.
Final Exam	30%	After lectures and self-study	Evaluation on students' knowledge and problem-solving skills in the context of existing business companies or individual start-up capstones.

Author	Year of publication	Title	Issue of a periodical or volume of a publication	Publishing place and house or web link
Compulsory reading				
Clayton M.Christensen	2011	The Innovator's Dilemma: The Revolutionary Book That Will Change the Way You Do Business		HarperBusiness; Reprint edition (October 4, 2011) http://harmeh.com/wp-content/uploads/2016/10/Clayton-M.-Christensen-The-Innovators-Dilemma_-When-New-Technologies-Cause-Great-Firms-to-Fail-

				Management-of-Innovation-and-Change-Series-1997.pdf
Patrick Gilbert, Natalia Bobadilla, Lise Gastaldi, Martine Le Boulaire, Olga Lelebina	2018	Innovation, Research and Development Management		Wiley Online Library. DOI:10.1002/9781119507345
Tidd, Joseph and John Bessant	2013	Managing innovation : integrating technological, market and organizational change		5th ed. Wiley
Neil F. Sullivan	2009	Technology transfer		Cambridge University Press https://doi.org/10.1017/CBO9780511525377
Optional reading				
W. Chan Kim, R. Mouborgne	2015	Blue Ocean Strategy, Expanded Edition: How to Create Uncontested Market Space and Make the Competition Irrelevant		Harvard Business Review Press; Revised ed. edition (January 20, 2015)
Adam Grant, Sheryl Sandberg	2017	Originals: How Non-Conformists Move the World		Penguin Books; Reprint edition (February 7, 2017)
Aulet, Bill.	2017	Disciplined Entrepreneurship Workbook		John Wiley & Sons, Inc.