COURSE DESCRIPTION CARD

Bialystok University of Technology **Faculty of Engineering Management**								
Field of study	**Management**						**Degree level and programme type**	**first degree/second degree**
Specialisation/ diploma path	**-**						**Study profile**	**-**
Course name	**Corporate foresight**						**Course code**	**IS-FM-00089S**
							Course type	**elective**

Forms and number of hours of educational activities	**L**	**C**	**LC**	**P**	**SW**	**FW**	**S**	**Semester**	**summer**
		30						**No. of ECTS credits**	**5**

Entry requirements	**-**
Course objectives	The aim of the course is to familiarise students with the specifics of corporate foresight. The student will gain knowledge on the essence and evolution of foresight research. The student will become familiar with the essence of change in an organisation and its consequences for corporate foresight. The student will learn the best practices of corporate foresight. The students will develop social competences by transferring knowledge about practical skills to apply selected methods of foresight.
Course content	Evolution of foresight research; The idea of foresight research. Foresight versus forecasting. Essence of strategic foresight. Corporate foresight versus innovation management. Radical and incremental innovations. Model of foresight maturity. Methods used in strategic foresight: STEEPVL, SWOT, Delphi method, wild cards, scenario method, formal and informal scenarios. Best practices of corporate foresight.
Teaching methods	lecture, foresight workshops
Assessment method	test, evaluation of the performance of tasks carried out in foresight workshops

Symbol of learning outcome	**Learning outcomes**	**Reference to the learning outcomes for the field of study**
Knowledge: the graduate knows and understands		**-**
LO1	the relationship between foresight and innovation management	**-**
LO2	corporate foresight methods and tools	**-**
Skills: the graduate is able to		**-**
LO3	to apply corporate foresight methods and tools in practice	**-**
LO4	to test business concept with the corporate foresight methods	**-**
Social competence: the graduate is ready to		**-**

Symbol of learning outcome	Methods of assessing the learning outcomes	Type of tuition during which the outcome is assessed
LO5	understand the principles of cooperation in group	-
LO6	understand the importance of diverse members of the foresight team	-
LO1	test	**C**
LO2	test	**C**
LO3	the assessment of mini-projects	**C**
LO4	the assessment of mini-projects	**C**
LO5	the assessment of mini-projects	**C**
LO6	the assessment of mini-projects	**C**

Student workload (in hours)		No. of hours
Calculation	participation in classes	30
	preparation for the classes	30
	participation in teacher's office hours	5
	designing corporate foresight mini-projects	40
	preparation for the test	20
	TOTAL:	125

Quantitative indicators	HOURS	No. of ECTS credits
Student workload – activities that require direct teacher participation	35	1,4
Student workload – practical activities	90	3,6

Basic references	1. Georghiou L., Harper C.J., Keenan M., Miles I., Popper R. (eds.), The handbook of technology foresight: concepts and practice, Publisher Edward Elgar, Cornwall, 2008. 2. Rohrbeck R., Corporate foresight: towards a maturity model for the future orientation of a firm, Physica-Verlag, Berlin, Heidelberg, 2011. 3. Sacio-Szymańska A. (red.), Corporate foresight potential in Visegrad (V4) countries, Wydaw. Instytutu Technologii Eksploatacji – Państwowy Instytut Badawczy w Radomiu, Radom 2016.
Supplementary references	1. Moehrle M.G., Isenmann R., Phaal R., Technology Roadmapping for Strategy and Innovation, Springer, 2013. 2. Rohrbeck R.,Gemünden H.G., Corporate Foresight: Its Three Roles in Enhancing the Innovation Capacity of a Firm, "Technological Forecasting and Social Change", 78(2) 2011, p. 231-243. 3. Rohrbeck R., Mahdjour S., Knab S., Frese T., Benchmarking Report: Strategic Foresight in Multinational Companies, Research Report of the European Corporate Foresight Group, Berlin, 2009
Organisational unit conducting the course	**International Chair of Logistics and Service Engineering**
Author of the programme	**Anna Kononiuk, PhD**

Organisational unit conducting the course	**Date of issuing the programme**
Author of the programme	**25.02.2022**

L – lecture, C – classes, LC – laboratory classes, P – project, SW – specialization workshop, FW - field work, S – seminar