COURSE DESCRIPTION CARD - SYLLABUS

Course name
RESILIENCE OF ORGANIZATIONS AND SUPPLY CHAINS [S5NOZIJ>OOLD]

Course

Proposed by Discipline
–

Year/Semester
3/6

Level of study
Doctoral School

Course offered in
English

Form of study
full-time

Requirements
elective

Number of hours

Lecture
4

Laboratory classes
0

Other
0

Tutorials
0

Projects/seminars
0

Number of credit points

1,00

Coordinators

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Lecturers

Prerequisites

Knowledge of organization's definition, structure and characteristics. Knowledge of supply chain's definition, structure and characteristics. Recognition of contemporary business ecosystems and their mechanisms.

Course objective

Providing doctoral students with the knowledge on resilience, its definitions, scales and models; understanding of benefits from resilience, determinants of resilience and resilience development mechanisms. Equipping doctoral students with tools, and practical skills needed to assess resilience of organizations, build resilient organizations and supply chains. Stimulating academic curiosity and questions on how organizations and supply chains should operate under uncertainty to be efficient, effective, and respond rapidly to disruptions, ensuring business continuity.

Course-related learning outcomes

Knowledge:
1. Knows global achievements, covering theoretical foundations of resilience as a characteristics of anorganization, to the extent that enables revision of existing management paradigms [P8S_WG_SzD_W01]
2. Understands fundamental dilemmas of the contemporary civilization resulting from disruptions in the

economy [P8S_WK_SzD_W05].

Skills:
1. Is able to critically analyze and assess scientific research results, work of experts and other creative activities together with their contribution into knowledge on resilience development [P8S_UW_SzD_U02],
2. Can plan and implement individual and team research projects, also in the international community [P8S_UO_SzD_U09].

Social competences:
1. Is able to critically assess achievements concerning resilience mdoels and assessment within a management and quality studies [P8S_KK_SzD_K01].

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Knowledge, skills and social competencies acquired as part of the classes are verified on the basis of th research project on resilience (models, assessment scales).
Doctoral students work in groups of 2-3 people, present their research results in a form of a scientific short paper.

Programme content

The concept of resilience (definitions, models), resilience assessment (resilience scales, assessment tools), resilience development.

Course topics

Lecture: Introduction to organizational resilience.
Global trends and sources of supply chain disruptions.
Risk analysis and value chain mapping.
Designing flexible and resilient logistics systems.
Crisis scenarios and business continuity planning (BCP).
The role of technology and digitalization in enhancing resilience.
Building an adaptive and innovation-driven organizational culture.

Teaching methods

Lecture: informative lecture and chat on solutions presented.
Exercises: case studies.

Bibliography

Basic:
The Organizational Resilience Handbook: A Practical Guide to Achieving Greater Resilience; Graham Bell, Kogan Page Publishers, 2020
Coping With Dynamic Business Environments. New Management Approaches for Resilience During Difficult Economies / Agnieszka Stachowiak (WIZ) / New York, USA : Productivity Press, Taylor and Francis Group, 2024
Global Changes and Disruptions in Supply Chains - Preliminary Research to Sustainable Resilience of Supply Chains / Katarzyna Grzybowska (WIZ), Agnieszka Stachowiak (WIZ) // Energies - 2022, vol. 15, iss. 13, s. 4579-1-4579-15
Additional:
Introduction to Supply Chain Resilience: Management, Modelling, Technology; Dmitry Ivanov, Springer Nature2021

Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,00
Classes requiring direct contact with the teacher	4	0,00
Doctoral student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation)	21	1,00