



COURSE DESCRIPTION CARD - SYLLABUS

Course name

AGILE SYSTEMS AND OPPORTUNITIES RECOGNITION

Course

Proposed by Discipline

Management and Quality Studies

Type of studies

Doctoral School

Form of study

full-time

Year/Semester

II/4, III/6

Course offered in

English

Requirements

elective

Number of hours

Lecture

4

Tutorials

Projects/seminars

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

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Responsible for the course/lecturer:

Prerequisites

Knowledge: segmentation of the organisation's environment, methods of strategic analysis, resources of the organisation, organisation's objectives.

Skills: acquiring data about internal and external conditions of organisation functioning and conducting strategic analysis.

Social competencies: effective communication with participants of the organisation, teamwork, arguing own judgements.związku.

Course objective

To know the methodology of shaping the agility of organisational systems in the context of their ability to recognise opportunities.



Course-related learning outcomes

Knowledge

A PhD student who graduated from doctoral school knows and understands:

- 1) The paradigms of the enterprise and theories of opportunity to the extent enabling their revision and development, [P8S_WG/SzD_W01]
- 2) Main approaches to opportunity recognition including the use of artificial intelligence methods. [P8S_WG/SzD_W02]

Skills

A PhD student who graduated from doctoral school can:

- 1) Transfer the results of scientific activity to the economic and social sphere, [P8S_UW/SzD_U03]
- 2) Take part in scientific discourse. [P8S_UK/SzD_U07]

Social competences

A PhD student who graduated from doctoral school is ready to:

- 1) Acknowledge the importance of knowledge in solving cognitive and practical problems, [P8S_KK/SzD_K01]
- 2) Think and act in an entrepreneurial manner. [P8S_KO/SzD_K06]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

PQF code	Methods for verification of learning outcomes	Assessment criteria
W01, W02	Scientific explanation of the problems posed	Use of proper theories
U03, U07	Project task	Quality of the problem solved
K01, K06	Contribution to the discussion	Activity in the discussion

Programme content

1. Review of agile systems; dimensions of agility.
2. Shumpeter's theory of opportunity creation; Kirzner's theory of opportunity discovery.
3. Process of opportunity recognition.

Teaching methods

Lecture: multimedia presentation including illustrations and examples.



Bibliography

Basic

1. Trzcieliński S. (2021). Model of the Opportunity Recognition Process. Proceedings of 37th IBIMA Conference, Cordoba.
2. McKinsey & Company (2020). Enterprise agility: Buzz or business impact? Scrum.org

Additional

1. Cunha M.M. Putnik G.D. (2006). Agile virtual enterprise: Implementation and Management Support. IDEA Group Publishing, Hershey.
2. Trzcieliński S. (2010). Przedsiębiorstwo zwinne. Wydawnictwo Politechniki Poznańskiej, Poznań.

Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1.0
Classes requiring direct contact with the teacher	6	0.5
Student's own work (literature studies, preparation for tutorials, project preparation) ¹	19	0.5

¹ delete or add other activities as appropriate