



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Risk management in agile enterprise

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### Course

Field of study

Engineering management

Area of study (specialization)

Resource and proces Management of Enterprises

Level of study

Second-cycle studies

Form of study

part-time

Year/Semester

1/2

Profile of study

general academic

Course offered in

Polish

Requirements

elective

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### Number of hours

Lecture

8

Laboratory classes

Tutorials

10

Projects/seminars

Other (e.g. online)

### Number of credit points

2

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### Lecturers

Responsible for the course/lecturer:

Ph.D., Eng., Paweł Królas

Responsible for the course/lecturer:

Mail to: [pawel.krolas@put.poznan.pl](mailto:pawel.krolas@put.poznan.pl)

Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań

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### Prerequisites

The student has knowledge in the field of business management, strategic management and macroeconomics. Has the ability to perceive, associate and interpret phenomena occurring in the enterprise as well as in its environment.



### Course objective

The aim of the course is to acquire by the student the ability to identify and assess the risk associated with the use of opportunities occurring in the environment of an agile enterprise.

### Course-related learning outcomes

#### Knowledge

1. The student has knowledge of the methods and tools for modeling information and decision-making processes [P7S\_WG\_02].
2. The student has knowledge of the connections in network organizations (concerns, holdings, clusters, etc.) and in-depth knowledge of organizational dependencies between organizational units of the enterprise, as well as virtual units [P7S\_WG\_06].
3. The student has knowledge of the methods of obtaining data on the behavior of market participants [P7S\_WG\_07].
4. The student knows the principles of creating and developing forms of individual entrepreneurship, using the knowledge of technology, economy and management [P7S\_WK\_03].

#### Skills

683 / 5000

#### Wyniki tłumaczenia

1. The student has the ability to use the acquired knowledge in various scopes and forms, extended by a critical analysis of the effectiveness and usefulness of the applied knowledge [P7S\_UW\_03].
2. The student has the ability to independently propose solutions to a specific management problem and carry out a decision-making procedure, in this scope [P7S\_UW\_04].
3. The student is able to correctly interpret and explain social, cultural, political, legal, economic phenomena) and mutual relations between social phenomena [P7S\_UW\_06].
4. The student is able to be responsible for their own work and jointly performed tasks, and to manage the work in a team [P7S\_UO\_01]

#### Social competences

1. The student is aware of the interdisciplinarity of knowledge and skills needed to solve complex organizational problems and the need to create interdisciplinary teams [P7S\_KK\_01]
2. The student is able to see the cause-effect relationships in the implementation of the set goals and rank the importance of alternative or competitive tasks [P7S\_KK\_02].
3. The student is able to initiate activities for social projects [P7S\_KO\_02].
4. The student is able to plan and manage business ventures [P7S\_KO\_03].



### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

The knowledge acquired during the lecture is verified by passing the final lecture. Assessment consists of 5 questions. Passing threshold: 50% of points (satisfactory grade).

The knowledge acquired during the exercises is verified on the basis of solving individual tasks included in the curriculum. For each task the student receives points. Passing threshold: 50% of points (satisfactory).

### Programme content

Lecture: Risk management in the enterprise covers: risk identification and assessment, the use of risk management methods and techniques; the ability to analyze the company's potential and assess the organization's environment, identify the necessary resources (own and others) by the company leading to the use of the opportunity, present the idea of an agile enterprise based on risk identification.

Exercises: determination of the company's potential, determination of the decision problem related to the use of the opportunity, identification and assessment of risk related to the use of the opportunity, determination of the features of the enterprise that fit into the concept of an agile enterprise.

### Teaching methods

A monographic lecture in the form of a multimedia presentation with elements of a seminar lecture. Classes - performing exercise tasks based on the case study method.

### Bibliography

Basic

1. Trzcieleński S. (2011), *Przedsiębiorstwo zwinne*, Poznań, Wydawnictwo Politechniki Poznańskiej.
2. Królas P. (2020), *Methodology of risk management associated with short life cycle business opportunity*, 36th IBIMA Conference: 4-5 November 2020, Granada, Spain
3. Buła P., (2015), *System zarządzania ryzykiem w przedsiębiorstwie jako element nadzoru korporacyjnego*, Wydawnictwo Uniwersytetu Jagiellońskiego, Kraków.

Additional

1. Sull D., (2009), *The upside of turbulence. Seizing opportunity in an uncertain world*, Harper Collins Publishers.
2. Simon H., (2009), *Hidden champions of 21st century*, Springer.



### Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,0
Classes requiring direct contact with the teacher	20	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests, project preparation) <sup>1</sup>	30	1,0

<sup>1</sup> delete or add other activities as appropriate