Title **(Projektowanie syst. i proc. logistycznych)**	Code **1011102211011110408**
Field **Logistics - Full-time studies - Second-cycle studies**	Year / Semester **1 / 1**
Specialty **-**	Course **core**
Hours Lectures: **1** Classes: **-** Laboratory: **1** Projects / seminars: **30**	Number of credits **6**
	Language **polish**

Lecturer:

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Status of the course in the study program:

-obligatory subject

Assumptions and objectives of the course:

-acquiring of skills and competences in the framework of enterprise logistics system design, undersanding of basic methods applied in design of logistics processes, design of economic processes and managing them.

Contents of the course (course description):

-System conceptualization of the logistics. Planning of logistics systems. Methods applied for logistics process planning and design. Functional and process point of view to mananage the enterprise. Process approach in the logistics. Models and process standardization. Process mapping. Design of process and implementing of changes. Forms of process organization in the enterprise. Methodology of economic process management. Process attributes (parameters), process measures in the context of enterprise logistics systems and supply chain. Process life cycle. Execution and financial aspects- managing the objectives, resource management, efficiency management. Measurement of effectiveness and efficiency. Simulation and process optimization.

Introductory courses and the required pre-knowledge:

-backgrounds of logistics, management, operational management in the logistics, supply chain management, fundamentals of engineering and system analysis

Courses form and teaching methods:

-lectures, laboratories and project

Form and terms of complete the course - requirements and assessment methods:

exam, reports from laboratories, acceptance and evaluation of the project

Basic Bibliography:

Additional Bibliography: