STUDY MODULE DESCRIPTION FORM

Name of the module/subject	Code
Supply chain management	**1011105231011102836**

Field of study	Profile of study (general academic, practical)	Year /Semester
Corporate Management - Part-time studies -	**(brak)**	**2 / 3**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
Corporate Management	**Polish**	**elective**

Cycle of study:	Form of study (full-time,part-time)
Second-cycle studies	**part-time**

No. of hours	No. of credits
Lecture: **14** Classes: **10** Laboratory: **-** Project/seminars: **-**	**3**

Status of the course in the study program (Basic, major, other)	(university-wide, from another field)
(brak)	**(brak)**

Education areas and fields of science and art	ECTS distribution (number and %)
technical sciences	**3 100%**

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Student has knowledge of basic production and basics logistics.
2	**Skills**	Student can use the basic measures of customer service level.
3	**Social competencies**	Student is able to cooperate in a group.

Assumptions and objectives of the course:

To introduce students with the essence and principles of supply chain operations.

Students are introduced with the basic solutions used in this field.

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. Student is knowledgeable about connections in corporations and holdings and in-depth knowledge of organizational relationships that occur between corporate units - [K2A_W05]
2. Student has in-depth knowledge of methods and tools for modeling information processes - [K2A_W08]
3. Student knows methods and tools for modeling decision processes - [K2A_W09]

Skills:

1. Student can use his theoretical knowledge to describe and analyze the causes and processes of social and cultural processes (cultural, political, legal, economic) and to formulate his own opinions and select critically the data and methods of analysis - [K2A_U02]
2. Student can properly analyze the causes and the course of social and cultural processes (cultural, political, legal, economic), formulate his own opinions on the subject, and make simple research hypotheses and verify them - [K2A_U03]
3. Student can predict and model complex social processes including phenomena from different areas of social life (cultural, political, legal, economic) using advanced methods and tools in the field of economic sciences and discipline of management sciences - [K2A_U04]
4. Student efficiently use normative, normative and legal systems (legal, occupational, ethical) or can use them to solve specific problems, has broad skills in relation to a chosen social category or selected type of norm - [K2A_U05]
5. Student has the ability to use acquired knowledge in various fields and forms, extended by critical analysis of effectiveness and usefulness of applied knowledge - [K2A_U06]

Social competencies:

1. Student can perceive causal relationships in the achievement of goals and rank the significance of alternative or competitive tasks - [K2A_K03]
2. Student is aware of the interdisciplinarity of knowledge and skills needed to solve complex organizational problems and the need to create interdisciplinary teams - [K2A_K06]

Assessment methods of study outcomes

Formative assessment:

a) project: on the basis of assessment of current progress of tasks,

b) lectures: based on answers to questions about the material discussed in previous classes.

Summary assessment:

a) project: on the basis of the project,

b) lectures: final test - exam.

Course description

The lecture begins with the presentation of the essence and principles of the functioning of the supply chains. Various forms of supply chains are discussed and their types of integration are discussed: VMI, JiT II, solutions with logistic operators (3 and 4 part logistics). The methods of designing and evaluating supply chains (SCOR model, other solutions) are presented. The problem of benchmarking in supply chains is discussed. Presented are the possibilities of using simulation and optimization tools in designing supply chains.

In the design classes, students develop under the tutor's direction various variants of specific solutions applied in the supply chains.

Didactic methods:

a) project: classic problematic method, case study, simulation game,

b) lectures: information lecture, conversation lecture, problem lecture.

Basic bibliography:

1. Ciesielski M. (red.), (2009), Instrumenty zarządzania łańcuchami dostaw, Polskie Wydawnictwo Ekonomiczne, Warszawa

2. Sołtysik M., Świerczek A., (2009) Podstawy zarządzania łańcuchami dostaw, Wydawnictwo Akademii Ekonomicznej, Katowice

3. Witkowski J., (2010), Zarządzanie łańcuchem dostaw. Koncepcje, procedury, doświadczenia, Polskie Wydawnictwo Ekonomiczne, Warszawa

4. Hentschel B., Cyplik P., Hadaś Ł., Domański R., Adamczak M., Kupczyk M., Pruska Ż., (2015), Wieloaspektowe uwarunkowania integracji łańcucha dostaw typu forward i backward. Modelowanie i ocena stopnia integracji, Wyższa Szkoła Logistyki, Poznań, http://www.wsl.com.pl/tl_files/wsl_badania/wieloaspektowe_uwarunkowania_integracji_lancucha_dostaw_typu_forward_i_backward.pdf

Additional bibliography:

1. Bozarth C., Handfield R.B., (2007), Wprowadzenie do zarządzania operacjami i łańcuchem dostaw, Helion ? One Press, Katowice

2. Ciesielski M., Długosz J. (red.), (2010), Strategie łańcuchów dostaw, Polskie Wydawnictwo Ekonomiczne, Warszawa

3. Fechner I., (2007), Zarządzanie łańcuchem dostaw, Wyższa Szkoła Logistyki, Poznań

Result of average student's workload

Activity	Time (working hours)
1. Lectures	14
2. Classes	10
3. Consultations	14
4. Preparation for the classes	20
5. Preparation for the exam	10
6. Exam	2
7. Discussion of the results of the exam	5

Student's workload

Source of workload	hours	ECTS
Total workload	75	3
Contact hours	40	2
Practical activities	35	1