

SUBJECT CARD

1. Basic information

Subject	Global Logistics
Faculty	Faculty of Law
Field of studies	International Relations
Specialization	international business
PRK level	7 PRK
Education level	second-degree studies
Form of studies	full-time studies
Group of activities	—
Number of ECTS points	2
Type of subject	specialization
Total number of hours	20 h
Didactic cycle	2023/2024 winter
Academic semester	2
Academic year	1
Education profile	general academic
Year of implementation	2023/2024
Language of instruction	English
Teacher(s)	dr hab. Kazimierz Śliwa

Semester, number of ECTS points, type of subject, number of hours

Semester	Discussion class
2	20 godz. 2 ECTS

2. General objectives

C1	Logistics describes the process of coordinating and moving resources—people, materials, inventory, and equipment—from one location to storage at the desired destination. The term logistics originated in the military, referring to the movement of equipment and supplies to troops in the field. Therefore, logistics is a multidisciplinary interest. In our course we concentrate in some quantitative models for optimizing resources movement.
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3. Introductory requirements

According to study course and faculty requirements

4. Learning outcomes

W1	Knowledge: Has broad and deep knowledge of the history and practice of the international integration, globalization, regionalism as well as disfunctional factors in contemporary world. Has advanced knowledge of forms and procedures of entrepreneurship and other forms of individual business activities in local and global product and service markets.
U1	Skills: Can correctly interpret political, economic, and social processes occurring in international relations as well as indicate their causes and outcomes. He/she can correctly interpret present events and processes happening in international setting. Can assess the usefulness and apply typical methods, procedures, and good practices for implementation of tasks of national and international nature
K1	Social competence: Is ready for lifelong learning and for improving his/her professional qualifications. Can encourage others to do so and to provide them with motivation and instruments for lifelong learning. Can autonomously enhance and complete acquired knowledge with its interdisciplinary aspects. Know how to seek experts' opinions.

5. Course program

Discussion class (20 h)

Code	Detailed description of the topic blocks (semester: 2)
Kon1	Concept of logistics and global logistics
Kon2	Approaches to logistics. Logistic problems
Kon3	Problems of assignment. Hungarian method. Linear programming in solving assignment problems
Kon4	Transportation algorithm and problems. Initial solutions, optimisation process. LP in solving transportation problems
Kon5	Transshipment problems and methods for solving them. LP
Kon6	Network algorithms and problems
Kon7	Shortest route algorithm
Kon8	Maximum flow algorithm
Kon9	Minimum spanning tree algorithm

6. Didactic methods

Discussion class	
M4	Computer exercises
M13	E-learning methods
M18	Problem solving
M20	Learning from the problem

7. Student workload

Number of hours under supervision	Student workload
Discussion class	20 h
Including e-learning:	0 h

Student's own work	
	30 h

Total workload	
Total number of hours for the course	50 h
Total number of ECTS points	2 ECTS

8. Conditions for course completion

Course completion criteria

Comprehensive problem solving test (80%). Computer-based exercises reports (20%)

Discussion class	
Grade 5:	80% and more
Grade 4,5:	75 - 79%
Grade 4:	70 - 74%
Grade 3,5:	60 - 69%
Grade 3:	50 - 59%

9. Literature

Basic literature

- Any textbook on Management Science and/or Operations Research covering the contents of our subject are acceptable.

Additional aids

Ongoing presentations, web resources

10. Additional information for students

All classes will be taught online using zoom platform (links below). Assistance is mandatory and will be checked. All lectures will be recorded and posted in specially created Youtube channel (link to be provided).

Links:

Kazimierz Sliwa zaprasza Cię na zaplanowane spotkanie Zoom.

Temat: GLOBAL LOGISTICS

Czas: 2 mar 2023 11:30 AM Warszawa

Co tydzień w Czwartek, do 11 maj 2023, 10 wystąpień

2 mar 2023 11:30 AM

9 mar 2023 11:30 AM

16 mar 2023 11:30 AM

23 mar 2023 11:30 AM

30 mar 2023 11:30 AM

13 kwi 2023 11:30 AM

20 kwi 2023 11:30 AM

27 kwi 2023 11:30 AM

4 maj 2023 11:30 AM

11 maj 2023 11:30 AM

Pobierz i zaimportuj następujące pliki iCalendar (.ics) do swojego systemu kalendarzowego.

Co tydzień:

https://zoom.us/meeting/tJwtdU-hqj4jGtR3Fko0VqyXOBUEpxp6i8TF/ics?icsToken=98tyKuCgrjosE9CQuRmHRow-Aoj4M_PwiCvEjbdvzznuDHBlcxrOGcB3F6JnAI7Z

Dołącz do spotkania Zoom

<https://zoom.us/j/98016945900?pwd=NGM4Z2ZVSmdrZmRScStnSWp4cUFTdz09>

Identyfikator spotkania: 980 1694 5900

Kod dostępu: 194065

11. Information about academic teachers

The person responsible for the card

dr hab. Kazimierz Śliwa (e-mail: ksliwa@uafm.edu.pl)