

Attachment No. 2

to Decree No. 10 of the Rector of the Warsaw School of Economics  
dated March 11, 2024

“Creative Problem-Solving Process and Design Thinking” course program

Course organiser: Centre for Open Education

Organisational unit responsible for content: Centre for Open Education

PRK level: 6

Course objectives:

Learning the methodology of the creative problem-solving process and the design thinking method.

Learning outcomes for the course:

Knowledge – the graduate knows and understands:

No.	Description	PRK code
W1	Stages of the creative problem-solving method	P6S_WG
W2	Design thinking methodology	P5S_WG

Skills – the graduate is capable of:

No.	Description	PRK code
U1	Managing the process according to the method of creative problem solving	P6S_UW P6S_UO
U2	Managing the process according to the design thinking method	P6S_UW P6S_UO

Social competences – the graduate is prepared to:

No.	Description	PRK code
K1	Take on the role of a team leader in the process according to the creative problem-solving method	P6S_KR
K2	Take on the role of a team leader in the process according to the design thinking method	P6S_KR

Course program:

No.	Name of the subject/ theme block	Number of hours
1.	Creative Problem-Solving process	16
2.	Design Thinking	12

Total number of hours: 28

Total ECTS credits: 3

Verifying learning outcomes for the course:

1. On the basis of the effects of work during classes
2. Observation of active participation in workshops

Documenting learning outcomes for the course:

1. Documentation of workshops conducted during classes

Literature:

- 1) Alex Osborn, Applied Imagination: Principles and Procedures of Creative Problem Solving, Creative Education Foundation Press, 1953/2001, ISBN 0-930222-73-3
- 2) Edward de Bono, Lateral Thinking: Creativity Step by Step, Harper & Row, 1973, trade paperback, 300 pages, ISBN 0-06-090325-2
- 3) Tim Brown. Design Thinking. Harvard Business Review, June 2008
- 4) Altshuller, Henry. 1994. The Art of Inventing (And Suddenly the Inventor Appeared). Translated by Lev Shulyak. Worcester, Massachusetts: Technical Innovation Center. ISBN 0-9640740-1-X
- 5) Rowe, G. Peter (1987). Design Thinking. Cambridge: The MIT Press. ISBN 978-0-262-68067-7

Matrix of learning outcomes for subjects/ theme blocks covered by the course program:

Knowledge – the graduate knows and understands:

Learning outcomes	Creative Problem-Solving process	Design Thinking
W1	X	
W2		X

Skills – the graduate is capable of:

Learning outcomes	Creative Problem-Solving process	Design Thinking
U1	X	
U2		X

Social competences – the graduate is prepared to:

Learning outcomes	Creative Problem-Solving process:	Design Thinking
K1	X	
K2		X