

SPINAKER – Intensive International Education Programs 2021

Project title:

Design thinking in the search for innovative solutions in an international environment

Project logotype:



General information about the project:

1. The project is aimed at students of business faculties from foreign universities.
2. Program – two editions of 25 students each in 2023 (60% women and 40% men).
3. The professors and tutors from foreign universities will participate in the project.
4. The education as part of the IIEP [Intensive International Education Program] will take place in the "blended learning" formula – part of the classes will be held remotely and part of the classes will be held in person (one-week stay at the Łódź University of Technology in Poland including: workshops, simulations, and visits at companies).
5. The project will develop the competences of the 21st century among the participants.
6. The project will use modern teaching methods and computer simulation.
7. The participation in the project will be preceded by a recruitment process under the regulations.
8. The project participants will receive a scholarship, which will be paid at the moment of commencing the implementation of the project in person at the Łódź University of Technology.
9. The scholarship is intended for travel, accommodation and personal expenses in Łódź.
10. Scholarship of approx. EUR 1,000 depending on the PLN exchange rate.

Project description:

The project is implemented at the Faculty of Organization and Management of the Łódź University of Technology. In the first stage, the project implementers visit foreign universities and present the assumptions related to the implementation of the project. The next stage is the recruitment of students from foreign universities. Students who successfully pass the recruitment process take part in blended learning, i.e. both stationary and remote classes. During the remote classes, students acquire knowledge in Design Thinking and computer simulation methods. During the next stage (stationary classes), students come to Poland. They receive a scholarship of approx. EUR 1,000 (for the costs of stay, travel and accommodation). The classes in Poland include visits at international companies (solving business problems – using the Design Thinking method) and participation in a computer simulation (running own business). The stay in Poland lasts 1 week (two editions – April or June). The stay in Poland also includes a cultural programme (two one-day trip in Poland). The remote classes are conducted one week before arrival in Poland and one week after departure from Poland. The project is financed by the European Union under the SPINAKER program. The number of students is limited. The participants are recruited from many European universities. Lecturers and/or tutors from foreign universities also come with the students – their stay in Poland is also financed by the project. The students will receive a certificate of participation and 9 ECTS credits and will undergo a computer simulation certification (REVAS).

Project implementation dates

Two editions of the IIEP on the following dates:

1st EDITION (11.04 – 26.04. 2023):

- 11.04.2023 – 14.04.2023 – remote classes
- 16.04.2023 – 23.04.2023 – stay in Łódź (Łódź University of Technology)
- 25.04.2023 – 26.04.2023 – remote classes
- Tourist programme – one and two-day trip (20.04.2023 and 22.04.2023)

2nd EDITION (26.06.2023 – 11.07.2023)

- 26.06.2023 – 29.06.2023 – remote classes
- 02.07.2023 – 09.07.2023 – stay in Łódź (Łódź University of Technology)
- 11.07.2023 – 12.07.2023 – remote classes
- Tourist programme – one and two-day trip (06.07.2023 and 08.07.2023)

Remote classes

- Introduction to the issues of the project – presentation (Desing Thinking method)
- Workshops – meeting and integration of the participants
- Presentation of the specificity of a computer simulation
- Implementation of the computer simulation in groups
- Consultations with trainers
- Presentation of the project groups and discussion of the completed simulations
- Reporting

Stationary classes

- Workshops – presentation of problems to be solved, work of teams on solving the problem, evaluation of teams' work
- Visits at companies – presentation of the problem to be solved, practical verification of the problem (visit on the production line), presentation of the method to solve the problem in the company, evaluation of practitioners (management staff)
- Computer simulation – running a business – solving business problems

Program (1st edition)

Remote classes:

- Technical meeting – login into the system

Tuesday – 11.04.2023 - synchronously (14.00 -17.45)

- 14.00 – 14.30 - Introduction to the issues of the MP2 project and presentation of the project team
- 14.30 – 15.30 - Division into integration groups – introduction in 5-person groups moderated by questions
- 15.30 – 16.30 - Presentation of groups on general channel
- 16.30 – 17.00 - Familiarisation of participants with e-learning materials on Wikamp Port: MIRO, DT, Revas
- 17.00 – 17.45 - Summary of the meeting (Q&A session) – presentation of the schedule of stay in Łódź

Wednesday - (12.04.2023)

- 16.00 - 16.30 - Short MIRO workshop (synchronously): establishing project teams, MP2 poster team presentation
- 16.30 – 17.00 - giving and discussing tasks for own work (synchronously)
 - preparing a work contract in the project team and posting it on Wikamp Port (asynchronously)
 - preparation of profile posters of project teams (asynchronously)
- 17.00 – 21.00 – Consultations of MP2 team

Thursday – 13.04.2023

- 14.00 – 15.00 – poster project teams presentations (synchronously)
- 15.00 – 15.30 - giving tasks for own work 1 part of simulation (synchronously)
 - Familiarizing with travel branch specific (Travel Agency) (asynchronously)
 - Uploading prepared reports on Wkimap Port (asynchronously)
 - Preparing materials for establishing virtual Travel Agency, eg. Name, logo, vision, mission, sharing roles in organization (asynchronously)
- 16.15 – 21.00 - Consultations of MP2 team

Friday – 14.04.2023

- 14.00 – 14.30 – Description of a business idea (synchronously)
- 14.30 - 15.00 - Workshops – intro into the game – **first round of simulation** (synchronously)
- 15:00-15:30 – **second round** of simulation (synchronously)
- 15:30-... 2 part– ending round of simulation (asynchronously)
- 16.15 – 21.00 – Consultations of MP2 team
- Summary test of the e-learning part (asynchronously)

Stationary classes:

Sunday – 16.04.2023

- Arrival of the participants and organizational meeting about 18:00 (room 4.11)

Monday – 17.04.2023

- 9:00 - Acquaintance with the campus (from the Łódź University of Technology)
- 10:30-11:30 - Payment of funds in the Financial Department office
- 12:00 – 13:00 – Lecture introducing into the simulation (**Lecture 1**) (room 2.12)
- 13.00 -13.30 - Official opening (room 2.12) (Rector & Dean)
- 13.30 – 14.00 - Lunch
- 14.00-16.00 – workshops – **third round of simulation** (room 1.12)
- 16:15 – 18:00 - Sightseeing of Łódź
- 18:00 – 21.00 – Visiting Professors lectures 2 simultaneous sessions (**Lecture 2 and Lecture 3**) (Lodex Aula 329)

Tuesday – 18.04.2023

- 8:00-16:00 - Visit at the company
 - 8:00 - Departure from Lodz
 - 9:30 – 16:00 – introducing lecture, study visit + Presentation of solutions for the company – lectures (prof. Andrejs Cekuls (5h) i prof. Marianna Kokhan (6H))
- 16:00 – 16:30 – Lunch
- 17:00 – 18:00 – Geothermic Poddębice - cultural module
- 19:00 – 21.00 – Visiting Professors lectures 2 simultaneous sessions (**Lecture 4 and Lecture 5**) (Lodex Aula 329)

Wednesday – 19.04.2023

- 8:00 – 9:30 - Lecture introducing into the simulation (**Lecture 6**)
- 9;30-13:00 - Workshops – **fourth round of simulation** + discussion of the results (room 1.12)
- 13.00 – 13.30 - Lunch
- 14:00 – 17:00 - Workshops – **fifth round of simulation** + discussion of the results (room 1.12)
- 17:00 – 20.45 – Visiting Professors lectures 2 simultaneous sessions (**Lecture 7 and Lecture 8**) (room 4.11)

Thursday – 20.04.2023

- 6:00 – 22:00 -Full-day trip – Cracow

Friday – 21.04.2023

- 8:00 – 9:30 – Lecture introducing into the simulation (Lecture 9) (room 4.11)
- 10:00-11:00 - Payment of funds in the Financial Department office
- 11:30-15:00 - Workshops – **sixth round of simulation** + discussion of the results (room 1.12)
- 15.00 – 15.30 – Lunch
- 16:00 – 17:00 – summary of the visit in Poland and certification (room 4.11)
- 18:00 – 21:00 - Concert

Saturday – 22.04.2023

- 8:00 – 16:00 - Full-day trip to Torun
- 17.00 – 20:00 - Summary lecture (prof. Gratiela Noja)

Sunday – 23.04.2023

- Departure of the participants

Remote classes:

Tuesday – 25.04.2023

- Uploading reports into the Wikamp Port (asynchronously)
- 15.00 – 18.00 – Consultations of MP2 team

Wednesday – 26.04.2023 –

- Opinion about the project – evaluation survey (asynchronously)
- 15.00 – 19.30 - Consultations of MP2 team

Lectures:

- Lecture 1 – **prof. Cristobal Miralles** - Artificial Intelligence: challenges and impacts on the Sustainable Development Goals - personally
- Lecture 2 – prof. Edmond Beqiri - Design and Management at the study program based on the student's workload - on line
- Lecture 3 – **prof. Andrejs Cekuls** - Supply chain risk management: mitigating risks in the supply chain - personally
- Lecture 4 – **prof. Marianna Kokhan** - Business in Ukraine during the War: Crisis Management among Ukrainian entrepreneurship – personally
- Lecture 5 – prof. Arcangela Ricciardi - Italian micro-firms and innovation: the role of entrepreneurs, tradition and networking”. - on line
- Lecture 6 – **prof. Sheherzada Murati** - Legal framework for the enabling environment for sustainable enterprises in North Macedonia – personally
- Lecture 7 – **prof. Gratiela Noja** - Advanced modeling of firm financial performance in a complex international environment - example of Romanian Firms - personally
- Lecture 8 – prof. Ercan Özen - The Concept of Trust in Socio-Economic Life and a Case Study in Turkish Financial Markets - on line
- Lecture 9 – **prof. Marija Jankovic** - Branding in marketing services - personally
- Lecture in JTI - prof. Roman Hlawiczka – on line

Program (2nd edition)

- Technical meeting – login into the system

Remote classes:

Tuesday – 26.06.2023

- 14.00 – 14.30 - Introduction to the issues of the MP2 project and presentation of the project team
- 14.30 – 15.30 - Division into integration groups – introduction in 5-person groups moderated by questions
- 15.30 – 16.30 - Presentation of groups on general channel
- 16.30 – 17.00 - Familiarisation of participants with e-learning materials on Wikamp Port: MIRO, DT, Revas
- 17.00 – 17.45 - Summary of the meeting (Q&A session) – presentation of the schedule of stay in Łódź

Wednesday – 27.06.2023

- 16.00 - 16.30 - Short MIRO workshop (synchronously): establishing project teams, MP2 poster team presentation
- 16.30 – 17.00 - giving and discussing tasks for own work (synchronously)
 - preparing a work contract in the project team and posting it on Wikamp Port (asynchronously)
 - preparation of profile posters of project teams (asynchronously)
- 17.00 – 21.00 – Consultations of MP2 team

Thursday – 28.06.2023

- 14.00 – 15.00 – poster project teams presentations (synchronously)
- 15.00 – 15.30 - giving tasks for own work 1 part of simulation (synchronously)
 - Familiarizing with travel branch specific (Travel Agency) (asynchronously)
 - Uploading prepared reports on Wkimap Port (asynchronously)
 - Preparing materials for establishing virtual Travel Agency, eg. Name, logo, vision, mission, sharing roles in organization (asynchronously)
- 16.15 – 21.00 - Consultations of MP2 team

Friday – 29.06.2023

- 14.00 – 14.30 – Description of a business idea (synchronously)
- 14.30 - 15.00 - Workshops – intro into the game – **first round of simulation** (synchronously)
- 15:00-15:30 – **second round of simulation** (synchronously)
- 15:30-... 2 part– ending round of simulation (asynchronously)
- 16.15 – 21.00 - Consultations of MP2 team
- Summary test of the e-learning part

Stationary classes:

Sunday – 02.07.2023

- Arrival of the participants and organizational meeting about 18:00

Monday – 03.07.2023

- 9:00 - Acquaintance with the campus (from the Łódź University of Technology)
- 10:30-11:30 - Payment of funds in the Financial Department office
- 12:00 – 13:00 – Lecture introducing into the simulation (Lecture 1)
- 13.00 -13.30 - Official opening (Rector & Dean)
- 13.30 – 14.00 - Lunch
- 14.00-16.00 – workshops – **third round of simulation**
- 16:15 – 18:00 - Sightseeing of Łódź
- 18:00 – 20.15 – Visiting Professors lectures 2 simultaneous sessions (Lecture 2 and Lecture 3)

Tuesday – 04.07.2023

- 8:00-16:00 - Visit at the company
 - 8:00 - Departure from Lodz
 - 9:30 – 13:00 – introducing lecture, study visit + Presentation of solutions for the company - lectures (prof. Ercan Özen (4h) and prof. Roman Hlawiczka (4h))
- 16:00 – 16:30 – Lunch
- 17:00 – 18:00 – Geothermic Poddębice - cultural module
- 19:00 – 20:30 – Visiting Professors lectures 2 simultaneous sessions (Lecture 4 and Lecture 5)

Wednesday – 05.07.2023

- 8:00 – 9:30 - Lecture introducing into the simulation (Lecture 6)
- 9;30-13:00 - Workshops – **fourth round of simulation** + discussion of the results
- 13.00 – 13.30 - Lunch
- 14:00 – 17:00 - Workshops – **fifth round of simulation** + discussion of the results
- 17:00 – 20.45 – Visiting Professors lectures 2 simultaneous sessions (Lecture 7 and Lecture 8)

Thursday – 06.07.2023

- 6:00 – 22:00 - Full-day trip – Cracow

Friday – 07.07.2023

- 8:00 – 9:30 – Lecture introducing into the simulation (Lecture 9)
- 10:00-11:00 - Payment of funds in the Financial Department office
- 11:30-15:00 - Workshops – **sixth round of simulation** + discussion of the results
- 15.00 – 15.30 – Lunch
- 16:00 – 17:00 – summary of the visit in Poland and certification
- 18:00 – 21:00 - Concert

Saturday – 08.07.2023

- Full-day trip – Torun
- 17.00-20.00 - Summary lecture (prof. Roman Hlawiczka)

Sunday – 09.07.2023

- Departure of the participants

Remote classes:

Tuesday – 11.07.2023

- Uploading reports into the Wikamp Port (asynchronously)
- 15.00 – 18.00 - Consultations of MP2 team

Wednesday – 12.07.2023

- Opinion about the project – evaluation survey (asynchronously)
- 15.00 – 19.30 - Consultations of MP2 team

Lectures:

- Lecture 1 – **prof. Edmond Beqiri** - Design and Management at the study program based on the student's workload - personally
- Lecture 2 – prof. Cristobal Miralles - Artificial Intelligence: challenges and impacts on the Sustainable Development Goals - on line
- Lecture 3 – prof. Andrejs Cekuls - Supply chain risk management: mitigating risks in the supply chain - on line
- Lecture 4 – prof. Marianna Kokhan - Business in Ukraine during the War: Crisis Management among Ukrainian entrepreneurship – on line
- Lecture 5 – **prof. Arcangela Ricciardi** - Italian micro-firms and innovation: the role of entrepreneurs, tradition and networking”. - personally
- Lecture 6 – prof. Sheherzada Murati - Legal framework for the enabling environment for sustainable enterprises in North Macedonia – on line
- Lecture 7 – prof. Gratiela Noja - Advanced modeling of firm financial performance in a complex international environment - example of Romanian Firms - on line
- Lecture 8 – **prof. Ercan Özen** - The Concept of Trust in Socio-Economic Life and a Case Study in Turkish Financial Markets - personally
- Lecture 9 – prof. Marija Jankovic - Branding in marketing services – on line
- **Lecture in JTI - prof. Roman Hlawiczka** – personally

Attachment:

(short description of computer simulation rounds - scope of decisions)

ROUND 1 - ORGANIZATION OF A VIRTUAL COMPANY: Company name, Company mission, Team rules, Role assignment, Offer, Investments - Positions, Finances - Bank, Finances - Accounting office, Check list, Submit decisions

Information: <https://www.youtube.com/watch?v=JVZyKwAB4eA&t=6s>

ROUND 2 - VIRTUAL COMPANY MANAGEMENT: Report Finance – Financial report Finance – Ledger, Results Finances – Bank, Results Investments – Workstations, Results New decisions Offer Investments – workstations, Investments – equipment HR – employment Suppliers Sales Finance - Bank Finance - Accounting Office

Information: <https://www.youtube.com/watch?v=17bQwayDkxg>

ROUND 3 - VIRTUAL COMPANY MANAGEMENT (NEW DECISIONS): Review of the most important results Score card Sale / Results Suppliers / Results HR - Employment / Results Investment - Equipment / Results New decisions Offer HR – Amenities for employees

Information: <https://www.youtube.com/watch?v=7kwMfoG8dgo>

ROUND 4 - VIRTUAL COMPANY MANAGEMENT (NEW DECISIONS): Cumulative scorecard Investment – Amenities for customers

Information: <https://www.youtube.com/watch?v=JBO-QVu6cok>

ROUND 5 - VIRTUAL COMPANY MANAGEMENT (NEW DECISIONS): Traditional Marketing

Information: <https://www.youtube.com/watch?v=NOZEK7DDp2k>

ROUND 6 - VIRTUAL COMPANY MANAGEMENT (NEW DECISIONS): Traditional marketing/Results Online Marketing

Information: <https://www.youtube.com/watch?v=ohAE-WF9LJQ>

ROUND 7 - VIRTUAL COMPANY MANAGEMENT (NEW DECISIONS): HR – Training

Information: <https://www.youtube.com/watch?v=H5nIW9ti-1A>

ROUND 8 -12 - VIRTUAL COMPANY MANAGEMENT

The place of the summer school:
Faculty of Organization and Management
Institute of Management
Lodz University of Technology
Wolczanska Street 221
Building B-17 (Business Zone) – second floor
93 - 005 Lodz
Poland