



ViMaCs

Virtual Master Cooperation
Data Science

Online Spring School

17.05.2021 – 21.05.2021

according to Central European Summer Time (CEST)

The project "**Virtual Master Cooperation Data Science**" (**ViMaCs**) aims to build a virtual learning and lab infrastructure for a digital teaching and module portfolio in the field of "Data Science".

The Spring School, based on the ViMaCs project funded by DAAD, is covering such topics as:

- Artificial Intelligence and Data Analytics
- Business Intelligence and Decision Making
- Cloud Based Data Processing Systems
- Data Acquisition and Processing.

Students will have a possibility to apply their knowledge by solving the case study provided by Luxoft company, at the end of the week the results of the teams will be presented to the company's representatives.

The **Spring School** addresses Master Students from Dortmund University of Applied Sciences and Arts (FH Do), National University "Zaporizhzhia Polytechnic" (NU-ZP), West Ukrainian National University (WUNU) and Kyiv National University of Construction and Architecture (KNUCA). The master student from other universities can take part in the School as well.

Lecturers and workshops **will be taught in English**. The Spring School 2021 is **free of charge**.

The participation of **international** students is equivalent to a workload of 30 hours / 1 ECTS. The Spring School will be held via the online platform Microsoft Teams. The instructions and access data will be sent in a separate email closer to the event.

Registration is open until **10.05.2021** via this link: <https://forms.gle/Sa3WRqxNucljwN1b9>

You can find other information on our website: <https://go-study-europe.de/vimacs/>

Programme of the Spring School¹

CEST Time Zone

| Time | Monday, 17 May | Lecturer |
|---------------|---|----------------------------------|
| 09:00 - 09:30 | Kick-off and some Organisational Questions (Announce of the Team Members) | |
| 09:30 - 11:00 | Lecture | |
| 11:00 - 12:00 | Case-study presentation from the company | Luxoft |
| 12:00 - 13:00 | Lunch | |
| 13:00 - 16:00 | Work on the case study in teams | |
| 16:00 - 16:15 | Answers-Questions Session with Lecturers that is concerned the Case Study | NU-ZP, KNUCA,WUNU, FH Do |
| Time | Tuesday, 18 May | Lecturer |
| 09:00 - 10:30 | Lecture | |
| 10:30 – 10:40 | Coffee break | |
| 10:40 - 12:10 | Lecture | |
| 12:10 - 13:10 | Lunch | |
| 13:10 - 16:10 | Work on the case study in teams | |
| 16:10 - 16:25 | Answers-Questions Session with Lecturers that is concerned the Case Study | NU-ZP, KNUCA,WUNU, FH Do |
| Time | Wednesday, 19 May | Lecturer |
| 09:00 - 10:30 | Lecture | |
| 10:30 – 10:40 | Coffee break | |
| 10:40 - 12:10 | Lecture | |
| 12:10 - 13:10 | Lunch | |
| 13:10 - 16:10 | Work on the case study in teams | |
| 16:10 - 17:10 | Small presentations of the first case study's results (separate for each group, the presentation not more 5-10 min) | NU-ZP, KNUCA,WUNU, FH Do |
| Time | Thursday, 20 May | Lecturer |
| 09:00 - 10:30 | Lecture | |
| 10:30 – 10:40 | Coffee break | |
| 10:40 - 12:10 | Lecture | |
| 12:10 - 13:10 | Lunch | |
| 13:10 - 16:10 | Work on the case study in teams | |
| 16:10 – 16:25 | Answers-Questions Session with Lecturers that is concerned the Case Study | NU-ZP, KNUCA,WUNU, FH Do |
| Time | Friday, 21 May | Lecturer |
| 09:00 - 13:00 | Work on the case study in teams | |
| 13:00 - 15:00 | Presentation of the case-study results (10-15 min) of each team | NU-ZP, KNUCA, WUNU, FH Do Luxoft |
| 15:00 - 15:20 | Closing | |

¹ The Lecture's topics will be specified by 03.05.2021