

Smart City Enterprise Architectures

Virtual Reality Summer School

20th-24th June 2022

Thanks to policies and technology, a Smart City is a better city to live in.

In this summer school students will support an organisation committed to the development of Smart cities, designing a plan for their processes and required Information Systems.

Different teams, backed by tutors and lecturers, will design the company's enterprise architecture by leveraging the mutual knowledge of various aspects concerning business and technology.

As part of the BIPER project (<https://www.uni-corvinus.hu/ind/biper-project/?lang=en>), three major European Universities in cooperation with a leading tech company developed this workshop jointly to provide the students with a richer learning experience.

The 5 days program will be held online with the support of Virtual Reality Technology and remote collaboration tools.

Students will meet their colleagues, lecturers, and business representatives in the virtual space to provide content and coaching.

Learning Objectives

At the end of the course, the students will:

- Learn to work in a full-remote agile working group.
- Experience a complete lifecycle of Information system development according to the Enterprise Architecture.
- Learn to formulate the vision and strategy for a sustainable business model.
- Understand and experience a comprehensive process of Requirement Management using Design Thinking.
- Design the application, data and technical architecture plan concerning the application of collaborative Virtual Reality.
- Evaluate an Enterprise architecture development scenario and the requirements for its operationalisation.

Who should apply?

Any individual that completed or is on the way to completing a Bachelor's or Master's degree in Business Economics, Management, Business Information Systems or similar.

The class will be selected considering diversity criteria, including academic background, specific interest, country and gender.

We encourage in particular to apply those students that developed knowledge of one of the following subjects:

- Enterprise Architectures
- Design Thinking
- Any relevant technology field
- IT Governance and Service Management

Costs

The course is free of charge as funded under the BIPER project. More details about the project can be found here: <https://www.uni-corvinus.hu/ind/biper-project/?lang=en>

Grading Criteria

Students will receive a grade based on the team performance and the degree of participation in the workgroup.

The following elements will constitute the final objective

- Definition of the Vision and Business Case 25%
- Description of the Target Business architecture 25%
- Development of the Application and Data Layers 15%
- Development of the Technology layer 15%
- Articulation of a Transition plan 10%
- Development of a maintenance and run strategy 10%

In addition, the individual will receive an individual score based on their participation in the workgroup, counting for an additional 20% of the final score.

Grade Computation

For each element will apply the following criteria:

- Completeness of the required elements 50%
- Extension of the background research 30%
- Demonstration of critical sense 30%

How to Apply

To express your interest, please fill out the following application form: <https://forms.gle/Fo5svs3qqKGjyEUX7>

This is an action funded under the European Union Erasmus+ program