



VIU SUMMER SCHOOL advanced Transportation, LOGISTICS and SUPPLY CHAIN management Program

Aligning market needs with integrated sustainable transportation, logistics and land-use planning: a unified approach

June 27 – July 2, 2022

**Venice International University
Isola di San Servolo, Venice**

VIU Summer School

Advanced Transportation, Logistics and Supply Chain Management Program – Aligning market needs with integrated sustainable transportation, logistics, and land-use planning: a unified approach

Venice International
University

June 27 – July 2, 2022

Scientific Coordinators:

Marco Mazzarino
Iuav University of Venice

Vittorio Marzano
University of Naples
Federico II

Course description

The VIU Summer School on Advanced Transportation, Logistics and Supply Chain Management is an initiative of VIU in partnership with its member universities Iuav, Ca' Foscari, the University of Padova, KU Leuven, Stellenbosch, and Tsinghua, in cooperation with the University of Naples Federico II.

The program develops an original comprehensive approach, bringing into focus the need for engagement among policy-makers, planners, companies, and other private and public actors in transport, logistics and supply chain management.

The participants will explore the latest innovations in technology, business models, and policy-making. Through rigorous and non-conventional empirical and theoretical approaches we will explore emerging trends, strategic scenarios, IT and modelling tools (including demo labs), methods, case studies, and applied projects, and discuss how these can support business and policy-makers, achieve environmental sustainability, and socio-economic efficiency. Disruptive digital trends will be confronted with the physical impacts on the territory ("bits vs bricks" perspective).

Fields of study

Transportation, Logistics, Supply chain management, Planning, Engineering, Geography

Faculty

Marco Mazzarino, Iuav University of Venice
(Scientific Coordinator)

Vittorio Marzano, University of Naples Federico II
(Scientific Coordinator)

Johann Andersen, Stellenbosch University
Constantinos Antoniou, Technical University of
Munich (TUM)

Giuseppe Borruso, University of Trieste

Robert Boute, KU Leuven

Maurizio Cociancich, ADRIAFER/Iuav University of
Venice/VIU

Eleonora Di Maria, University of Padova

Andrea Furlanetto, Transporeon GmbH

Carlos Lima Azevedo, Technical University of
Denmark (DTU)/MIT Affiliate (ITSLab)

Dario Menichetti, PTV Group

Mingyao Qi, Tsinghua University

Lucio Rubini, Venice International University
Silvio Nocera, IUAV University of Venice
Tommaso Gecchelin, Founder & CTO Next Modular Vehicles
Pier Luigi Cavicchi, Senior Supply Chain Consultant
Fulvio Simonelli, University of Naples Federico II
Lorenzo Rambaldi, Enel Foundation

Topics

- Emerging trends and strategic scenarios in transport and spatial logistics
- Innovative tools for planning and policy-making
- Quantitative analysis for planning and policy-making
- Innovative tools for transport optimization
- Geographical analysis and solutions
- Digital logistics
- Robotics-enabled logistics
- Urban and last-mile logistics
- Smart Logistics, Collaborative shipping, Synchronicity and the Physical Internet
- Global Value Chains and industry 4.0

The program will illustrate data-driven approaches, modelling, case studies, and will include site visits and IT demos.

Contexts

Ports, regions, urban areas.

Approaches

Data-driven, optimization of innovation and IT, public-private partnership, stakeholder engagement

A final round table with public and private stakeholders will be organized to facilitate the exchange of experience and perspectives on the innovations and strategies relevant to sustainable transportation and logistics planning and management.

Learning outcomes

By the end of the week, participants will have an integrated vision of transport and logistics systems - in which both private and public stakeholders and dimensions interact - and of how to design, implement and deploy effective business models and policy-making.

Who is it for?

Applications are welcome from graduates who have completed an undergraduate degree in Planning, Engineering, Geography, Economics, IT, Design, and Political Science. Applications are also welcome from professionals working in related fields.

Fees

Participants from VIU member universities: € 400 incl. VAT

University of Naples Federico II students: € 600 incl. VAT

Other applicants: € 800 incl. VAT

VIU Alumni are eligible for a reduced fee.

The fees will cover tuition, course materials, lunches during the working days, site visit and social events.

Student participants will be responsible for covering their own travel expenses to and from Venice and local transportation.

A limited number of partial scholarships may be available. Updated information will be provided on the dedicated web page after the closing of the applications.

PhD candidates and post-docs from universities in EU universities may be eligible for Erasmus+ mobility grant support. Candidates should consult the International Office in their own university for information about the calls for applications for funding. VIU will provide any supporting documentation requested for such applications. Contact VIU Erasmus office: erasmus@univiu.org

Credits

ECTS credits equivalence: 3

A Certificate of Attendance will be issued at the end of the course.

Accommodation costs on campus

The costs of accommodation on campus in shared room with other participants (triple or quadruple) is € 356 for 7 nights. Further information will be available in the Application form.

On-line application

January 25 – March 13, 2022
via the VIU website

Admitted candidates will be notified by March 18, and asked to pay the tuition fee and accommodation fee (if requested) by March 23, 2022.

Applicants must submit the application form, a letter of motivation – which should include a brief description of the candidate's research interests, a curriculum vitae and a photo.

The Program will admit from a minimum 16 to a maximum of 25 participants.

Venice International University is a consortium of 20 universities, representing 14 countries throughout the world.

The mission of VIU is to foster cooperation among VIU member institutions while facilitating the exchange of knowledge and ideas, by developing, promoting and organizing joint academic, research and training/capacity-building program. Students from non-member universities may participate in selected academic programs.

The academic programs at VIU are distinguished by a markedly interdisciplinary approach to the topics, and by the international perspectives that the participants contribute to the discussions. The VIU campus is on the island of San Servolo in Venice, Italy.

Location



As the COVID-19 pandemic is ongoing, VIU will continue to monitor the situation, and in the event that it is not possible to confirm the program on the VIU campus as scheduled, other practicable solutions will be evaluated. Applicants and confirmed participants will be informed of any changes.



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In cooperation with the University of Naples Federico II



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