



VIU summer SCHOOL advanced Transportation, LOGISTICS and SUPPLY chain management

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

June 19-23, 2023

Naples, Italy

VIU Summer School

Advanced Transportation, Logistics and Supply Chain Management –

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

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Scientific Coordinators:

Vittorio Marzano

University of Naples
Federico II

Marco Mazzarino

Iuav University of Venice

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, 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

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

Marco Mazzarino, Iuav University of Venice (Scientific Coordinator)

Johann Andersen, Stellenbosch University

Sergio Barbarino, Procter & Gamble

Giuseppe Borruso, University of Trieste

Ennio Cascetta, Universitas Mercatorum

Pier Luigi Cavicchi, Bestever Supplychain

Maria Cerreta, University of Naples Federico II

Maurizio Cociancich, ADRIAFER/Iuav University of Venice/VIU

Gianluca Dini, University of Pisa

Andrea Furlanetto, Transporeon GmbH

Tommaso Gecchelin, Next Modular Vehicles

Guido Gentile, University of Rome La Sapienza

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

Maria Paradiso, University of Naples Federico II

Mingyao Qi, Tsinghua University

Fulvio Simonelli, University of Naples Federico II

Christa Sys, University of Antwerp

Fiore Tinessa, University of Naples Federico II
Daniela Tocchi, University of Naples Federico II

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, Synchromodality 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

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: **€ 400 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, and social events.

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

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: 2

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

Location

This edition of the Summer School will take place in Naples, Italy:

Department of Architecture
University of Naples Federico II
Palazzo Gravina
Via Monteoliveto, 3
80134 Napoli NA, Italy
(2nd floor, Room 20 & 21)

On-line application

February 9, 2023 – **March 10, 2023** via the [VIU website](#)

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.

Admitted candidates will be notified by **March 15**, and asked to pay the tuition fee by **March 20, 2023**.

Accommodation

Admitted candidates interested in staying at the Hotel Piazza Bellini & Apartments in Naples, Italy, the location of the Summer School, can contact the hotel directly indicating the promo code "SSS23". More information is available on the Application Form.

The Program will admit from a minimum of 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.

**In cooperation with the University of Naples
Federico II**



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