

Supply Chain Management

Study programme	YUFE Joint Bachelor in Urban Sustainability Studies
Academic year	2026/2027
Curriculum component	Minor: Urban Ecology
Year and semester	2, 4
Course type	Elective
ECTS credits	4
Contact hours (L+S+E)	15+15+15
Language of instruction	English

Contact

Course coordinator

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Prerequisites

No requirements.

Course objectives

The course will enable students to explore how supply chains operate, forecast demand, manage inventory, route goods, utilize basic digital tools, mitigate risks and quality issues, and apply green, circular, and ethical principles to construct efficient, equitable, and sustainable networks.

Learning outcomes

- Students are able to illustrate and critically evaluate the relationship between, and sustainability of environmental, social, and
- economic systems, at scales from local to global levels. PILO5 Students are able to identify, analyse, and solve problems, applying relevant research methodologies, theories, information
- technology, data analysis and interpretation, and techniques of writing to present findings and solutions. PILO6

Course content

- Introduction to SCM and Urban Sustainability. Network Design and Facility Location. Demand Forecasting and Planning. Inventory Management Basics.
- Logistics and Transport, Urban and Last-Mile Logistics, Reverse Logistics. Supplier Relationships and Collaboration. Information Systems, Analytics, and Digital
- Twins. Risk, Quality, and Resilience in SCs. Sustainability and Green SCM. Circular Economy. Regulation, ESG, and Ethical Sourcing. Case studies: Study of cases
- from business practice.

Teaching and learning methods

lectures, seminars and workshops and practical classes.

Assessment and grading

Continuous class activity, project work, seminar paper. Class participation and discussion. Midterm exam. Research paper or project, and presentation. Final exam.

Grading scale

Grade	Percentage
5 (A)	90-100%
4 (B)	75-89.9%
3 (C)	60-74.9%
2 (D)	50-59.9%
1 (F)	0-49.9%