



# Exchange programme Vrije Universiteit Amsterdam

Vrije Universiteit Amsterdam - Exchange programme Vrije Universiteit Amsterdam - 2024-2025

## Exchange

Vrije Universiteit Amsterdam offers many English-taught courses in a variety of subjects, ranging from arts & culture and social sciences, neurosciences and computer science, to economics and business administration.

The International Office is responsible for course approval and course registration for exchange students. For details about course registration, requirements, credits, semesters and so on, please [visit the exchange programmes webpages](#).

# E-Commerce Supply Chain Management

Course Code	E_MFEO_ESCM
Credits	6
Period	P2
Course Level	300
Language Of Tuition	English
Faculty	School of Business and Economics
Course Coordinator	dr. A.S. Eruguz
Examiner	dr. A.S. Eruguz
Teaching Staff	S. Hülügü, dr. A.S. Eruguz
Teaching method(s)	Seminar, Lecture

## Course Objective

### ACADEMIC AND RESEARCH SKILLS

After successfully completing this course, students can conduct a basic international research project from start to finish.

### BRIDGING THEORY AND PRACTICE "Knowledge"

After successfully completing this course, students can:

- demonstrate an understanding of fundamental structures of e-commerce supply chains.
- explain, contrast, and compare theories, models, and concepts of e-commerce supply chains.

### BRIDGING THEORY AND PRACTICE "Application"

After successfully completing this course, students can:

- develop practical solutions to a case and a real-life situation by applying theory from e-commerce supply chains,
- formulate management conclusions for improvements in the e-commerce supply chains.
- discuss and apply methods to analyze the performance of e-commerce supply chains, design distribution networks, and manage inventory.

### SOCIAL SKILLS

After successfully completing this course, students can:

- present (orally) about stylized case problems and solutions formulated.

## Course Content

E-commerce retail has shown a consistent double-digit growth over the last years. It is generally recognized that the timely delivery of parcels to consumers is pivotal to customer satisfaction. COVID-19 has illustrated the impact of demand and supply uncertainty. In addition, the EU wants to be climate neutral by 2050. These factors provide enormous challenges to e-commerce.

In this course, we address key themes in managing e-commerce supply chains. These include consumer delivery preferences, distribution network design, inventory management, and sustainability considerations.

Students will analyze (stylized) cases and experience industry exposure via possible guest lectures.

## Additional Information Teaching Methods

Lectures Tutorials

## Method of Assessment

Written exam - Individual assessment  
Assignments - Group assessment

## Literature

Readings for this course consists of scientific papers and book chapters.

## Additional Information Target Audience

Students who does not have a good command of mathematical notations are kindly requested to contact the course coordinator prior to enrollment.

## Recommended background knowledge

Good command of mathematical notations.

Business Mathematics; Business Processes; Introductory supply chain management course similar to the SBE BSc course (Global) Supply Chain Management (book: Chopra, S., 2019. Supply Chain Management: Strategy, Planning, and Operation. Global edition. Pearson Higher Education.)