



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](#).

Managing Technology Processes

Course Code	E_IBK3_MTP
Credits	6
Period	P5
Course Level	300
Language Of Tuition	English
Faculty	School of Business and Economics
Course Coordinator	K.C. Cepa
Examiner	K.C. Cepa
Teaching Staff	K.C. Cepa
Teaching method(s)	Study Group, Lecture

Course Objective

Academic & research skills: In this course students learn to critically evaluate (digital) technology management processes from academic literature and popular management press.

Knowledge: In this course, students gain theoretical understanding concerning:

- innovation types and the external innovation environment including innovation trajectories, standards, platforms, and ecosystems
- the development of (digital) technology strategies and their operationalization in project selection, collaboration, and protection
- the product and (digital) technology development process

Bridging theory and practice: The course offers insight into the strategic importance of technological innovation for firms and society and into recent developments in technology and innovation. Furthermore, through this course, students will develop skills to analyze real-life cases.

Course Content

This course focuses on the management of technology processes in organizations. Technology processes refer to how organizations use (digital) technologies to develop and implement new products, services, processes and business models and is crucial for business organizations to stay competitive in ever changing markets. In this course, students expand their basic understanding of digital innovation, apply basic theories behind the processes of technology-based innovation within organizations and their environments, learn about the management of innovation trajectories, and the organizational implementation of technology development. Theoretical understanding is applied in a simulation game and real-life cases focusing on managerial dilemmas in the management of technology processes.

Additional Information Teaching Methods

Lectures
Tutorials

Method of Assessment

Practical assignments - Group
Practical assignment - Individual
Written exam