



# 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](#).

# Governance and Regulation of Emerging Technologies

Course Code	R_GRET
Credits	6
Period	P1
Course Level	200
Language Of Tuition	English
Faculty	Faculty of Law
Course Coordinator	P.B. Cardozo Solano LLM
Examiner	P.B. Cardozo Solano LLM
Teaching Staff	prof. mr. A.R. Lodder, I. Bratu, P.B. Cardozo Solano LLM
Teaching method(s)	Tutorial, Study Group, Lecture

## Course Objective

The aim of this course is to explore various ways to regulate and govern societal changes caused by new technological developments. After this course the students understand the various regulatory and governance instruments, such as laws, regulation via technology, self-regulation, standardisation, and how and when to apply these to new technologies, including so-called disruptive technologies.

Specifically, the course fulfills the following learning outcomes:

- The students will familiarize themselves with recent technological advancements, will learn about existing technological developments and their impact in our increasingly digital societies;
- The students will gain understanding of ethical dimensions of modern technologies, setting the scene for legal analyses;
- The students will gain understanding of various laws, regulations and governance mechanisms applicable to various technologies in multiple sectors and domains;
- The students will demonstrate the ability to work with peers by acknowledging and supporting an inclusive and diverse environment;
- The students will demonstrate ability to clearly formulate legal arguments verbally and in writing and to resolve complex legal problems from multiple perspectives.

## Course Content

This introductory course of the Minor Technology, Law and Ethics offers an introduction into and an overview of the ways technology can or should be regulated. Important general concepts to be discussed are the economy (market powers), the law (regulation and case law), social conventions and ethics, and the architecture (e.g. the software).

The course examines the fundamentals of regulation from legal and economic perspectives. It explores the range of regulatory tools available and considers their advantages and disadvantages through practical examples. As the course progresses, it examines approaches to the regulation of technology, beginning with Lawrence Lessig's framework, extending to network communitarianism and gatekeeper theory, and exploring nudge theory and behavioral economics. Students will analyze these regulatory perspectives and approaches and discuss their strengths and weaknesses in the context of emerging technologies.

Moreover, the course provides insight into the impact of regulation on key issues for the technology sector, including monopoly control, the promotion of competition, the concept of disruptive technologies, quality standards, and navigating the increasingly complex interplay between regulation, innovation, and the protection of fundamental rights.

## Additional Information Teaching Methods

Lectures and tutorials.

## Method of Assessment

Written exam (individual; digital exam on campus or take-home via Canvas).

## Literature

Materials will be made available via Canvas.

## Additional Information Target Audience

Apart from regular students, the course is also available for:  
Students from other universities/faculties  
Contractor (students who pay for one course)