COURSE SYLLABUS

Responsibility and Ai

2425-2-F551MI044

Learning objectives

The course dwells into the regulation of responsibility of artificial intelligence (AI) within the EU legal order in its first part and under European and comparative private law in the second one. Therefore, the course will focus first on the attempts to regulate the responsibility of AI at EU and Council of Europe level. It will then consider the responsibilities and liabilities of AI providers as well as the revision of the relevant rules (product liability directive as well as the proposals on adapting non-contractual civil liability rules to artificial intelligence (AI Liability Directive). Risk management and insurance coverages of activities involving AI will be considered, especially applied to some sectors (i.e. smart mobility and medical activities).

Contents

The course will guide students into the knowledge of elements of advanced EU law and advanced comparative private law about the contractual and non contractual liabilities arising from the use of artificial intelligence. This will include the exam of EU, international and national relevant legislation and approaches, empowering students to solve complex legal problems arising from the innovative field of liability arising from the use of AI, as well as the legal questions of the responsibility of AI itself.

Detailed program

The course will touch upon the following subjects, that will be discussed with the students during the lectures.

• Introduction to the European legal framework of AI and responsibility

• Risk assessment and legal rules in the Council of Europe Treaty on Artificial Intelligence

• EU market freedoms in the Treaties and in the Charter of Fundamental Rights

• Digital euro (and other central bank digital currencies) and liability/accountability of the European Central Bank

• EU secondary legislation on AI and responsibility

• Risk assessment and legal rules in the Artificial Intelligence Act

• Duties and liabilities of AI operators in the AIA and other sources of law

• Cybersecurity and AI

• Risk management of AI and insurance tools

• Risk management of AI: alternatives

• AI applications in smart mobility solutions

• AI application in health and medical activities

• Liabilities and sustainability of AI

• Fintech and AI

Prerequisites

There are no prerequisites, although an experience in legal studies or cognate subjects can be useful.

Teaching methods

The course will be mainly delivered through seminarial lectures.

Assessment methods

Textbooks and Reading Materials

The presentations of the lectures as well as a list of either compulsory or supplementary readings that the Professor will publish on the e-learning before each lecture.

Sustainable Development Goals

PEACE, JUSTICE AND STRONG INSTITUTIONS