



UNIVERSITY OF  
APPLIED SCIENCES IN NYSA



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## TITLE OF THE COURSE

*Implementation of Artificial Intelligence into Studies*

## COURSE DESCRIPTION

Artificial Intelligence (AI) is reshaping industries, society, and education by introducing innovative tools and methods. This course explores how AI can enhance academic environments for students of several disciplines, focusing on practical applications, ethical considerations, and societal impacts. Participants will examine how AI can be effectively integrated into study programs, from legal research tools to personalized learning systems, while understanding the associated legal, ethical, and philosophical challenges.

## HOST PROFESSOR

**Prof. Alejandro Quintana Vega, Universidad del Bosque**

- Professor in Bogotá from 2019, Colombia in Universidad El bosque, for subjects as constitutional law, commercial law, international business law and labor law.
- Professor for ISP México for the last 4 years in the subject of International treaties.
- Lawyer with 11 years of experience in commercial and intellectual property law.
- Academic lecturer with expertise in International Law and emerging technologies, including AI and digital contracts.
- Currently pursuing an LLM in Artificial Intelligence and Digital Contracts at Universidad Autónoma de Madrid.

## Course Level

Mixed-level: Suitable for students from various disciplines, including law, business, management

**Language of Instruction:** English

**Duration:** June 30 – July 11, 2025

**Working Time (Lesson Hours – 45 min/day):** 4 hours per day

**Number of ECTS Credits:** 4

**Teaching Method:** Lectures, group discussions, case studies, workshops, and final presentations.

## COURSE OBJECTIVES

This course will be particularly relevant for students who:

1. Are curious about how Artificial Intelligence (AI) is reshaping education and want to explore its transformative potential in academic and professional settings.
2. Are passionate about modern technologies and eager to learn how AI tools, such as ChatGPT, MidJourney, and Stable Diffusion, can enhance learning, research, and teaching across disciplines.



3. Want to understand the ethical implications of AI, including data privacy, intellectual property rights, and its impact on human interaction and societal norms.
4. Are intrigued by the philosophical and legal dimensions of AI and want to explore questions about consciousness, autonomy, and justice in an AI-driven world.
5. Seek practical knowledge on how to integrate AI into study programs effectively, from personalized learning systems to AI-supported administrative tools.
6. Desire an interdisciplinary approach that blends technology, law, ethics, philosophy, and social sciences to address the challenges and opportunities posed by AI.
7. Plan to pursue careers in law, education, or technology and want to develop skills and insights into the responsible and innovative use of AI in their respective fields.
8. Want to contribute to the ongoing dialogue on AI's societal impact and engage in developing innovative, ethical, and legally sound solutions for integrating AI into academic and professional environments.

Such a course will attract students who want to be at the forefront of the AI revolution, contributing to how it shapes the future of education, legal systems, and interdisciplinary collaboration.

## **COURSE CONTENT**

1. Introduction to Artificial Intelligence
  - Basic concepts and real-world applications in education and legal research.
  - Generative AI tools like ChatGPT, MidJourney, and Stable Diffusion.
2. AI in Education: Opportunities and Challenges
  - Enhancing teaching and learning through AI tools.
  - Personalized learning systems and predictive analytics.
3. Legal Implications of AI in Academia
  - Intellectual property rights and AI-generated content.
  - Data governance and compliance with privacy regulations.
4. Ethical Perspectives on AI
  - The role of AI in shaping societal norms and human interaction.
  - Balancing innovation with ethical responsibility.
5. Philosophical and Theological Questions Raised by AI
  - Consciousness, autonomy, and moral considerations.
  - AI's influence on worldviews and human values.
6. Practical Workshop: Implementing AI in Academic Programs
  - Group activities to design AI-enhanced modules for law and non-law disciplines.
7. Closing: Presentations and Feedback
  - Participant presentations on proposed AI-driven academic innovations.



## VERIFICATION OF LEARNING OUTCOMES

- Class Attendance and Active Participation: 20%
- Workshop Performance and Discussions: 40%
- Final Group Project Presentation: 40%

## PREREQUISITES

- Proficiency in English (B2 or higher)
- While prior AI knowledge is not required, familiarity with basic technological tools is recommended.

## SUGGESTED LITERATURE

1. **Mehan, Julie (2022).** *Artificial Intelligence: Ethical, Social, and Security Impacts for the Present and the Future.* eBook Academic Collection (EBSCOhost).
  - Explores the ethical, social, and security implications of AI, offering a comprehensive perspective on its challenges.
2. **Randolph, Tonya (2021).** *Artificial Intelligence: Work, Machines and Human Interaction.* eBook Academic Collection (EBSCOhost).
  - Examines the impact of AI on the workforce and human interaction.
3. **Goecke, Benedikt Paul & Rosenthal-von der Pütten, Astrid Marieke (2020).** *Artificial Intelligence: Reflections in Philosophy, Theology, and the Social Sciences.* eBook Academic Collection (EBSCOhost).
  - Discusses philosophical, theological, and societal implications of AI.
4. **Stratis, Kyle (2023).** *What Is Generative AI?* O'Reilly Database (Audiobook).
  - Provides insights into generative AI technologies like ChatGPT and their applications.
5. **Thareja, Reema (2024).** *Artificial Intelligence: Beyond Classical AI.* Pearson India.
  - Covers foundational and advanced AI concepts, including neural networks and deep learning.