IS5113: AI ETHICS AND REGULATIONS

Effective Term
Semester A 2025/26

Part I Course Overview

Course Title
AI Ethics and Regulations

Subject Code
IS - Information Systems
Course Number
5113

Academic Unit
Information Systems (IS)

College/School
College of Business (CB)

Course Duration
One Semester

Credit Units
3

Level
P5, P6 - Postgraduate Degree

Medium of Instruction
English

Medium of Assessment
English

Prerequisites
Nil

Precursors
Nil

Equivalent Courses
Nil

Exclusive Courses
Nil

Part II Course Details

Abstract
This Master-level course explores the ethical and legal implications of Artificial Intelligence (AI) in the context of business. The course will cover theoretical foundations, hands-on practical exercises, and case studies to provide students with

a comprehensive understanding of the challenges that AI developments have raised to our current legal system, and to develop the capacity of students to understand these challenges. Successful completion of the course will enhance students' capabilities in critical thinking and analysis in relation to AI-related practice.

Course Intended Learning Outcomes (CILOs)

	CILOs	Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Describe the fundamental ethical concepts and principles of artificial intelligence and its applications in business.	15	x		
2	Identify the laws and legal principles intertwined with new technologies in a global context	25	x	x	
3	Describe thoroughly how technological advancement impacts discrete areas of law	25	x	x	
4	Justify and evaluate the impact of AI on business strategies, innovation, and customer experience.	35	x	x	x

A1: Attitude
Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability
Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments
Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

	LTAs	Brief Description	CILO No.	Hours/week (if applicable)
1	Lecture	Students will be introduced to substantive issues related to the ethics and regulation of AI and the challenges and possible solutions.	1, 2, 3, 4	
2	Case Studies	During the seminar, students will be organized as groups to study specific cases and to clarify the issues in behind.	1, 2, 3, 4	

Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks ("-" for nil entry)	Allow Use of GenAI?
1	Participation Students are expected to actively engage in class discussion and ad-hoc presentations.	1, 2, 3, 4	10	-	Yes
2	Group Project A group project, which includes a project report and/or a presentation, will be assigned to let students apply concepts learned to understand real-world problems.	1, 2, 3, 4	40	-	Yes

Continuous Assessment (%)

50

Examination (%)

50

Examination Duration (Hours)

2

Minimum Continuous Assessment Passing Requirement (%)

25

Minimum Examination Passing Requirement (%)

25

Additional Information for ATs

Examination
A written examination is developed to assess student's competence level of the topics taught.

Note: Students must pass BOTH coursework and examination in order to get an overall pass in this course.

Assessment Rubrics (AR)

Assessment Task

Participation (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Students will be assessed based on their contributions to online and in-class discussions, their preparation for ad-hoc questions, and their interaction with the instructor and other points of discussion raised by students.

Excellent

(A+,A,A-) High

Good

(B+, B, B-) Significant

Fair

(C+, C, C-) Moderate

Marginal
(D) Basic

Failure
(F) Not even reaching marginal levels

Assessment Task
Group Project (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion
Original thinking; Rational analysis; Structure and formation; Reasonable conclusion

Excellent
(A+, A, A-) High

Good
(B+, B, B-) Significant

Fair
(C+, C, C-) Moderate

Marginal
(D) Basic

Failure
(F) Not even reaching marginal levels

Assessment Task
Examination (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion
Application of learned knowledge with critical thinking in examine.

Excellent
(A+, A, A-) High

Good
(B+, B, B-) Significant

Fair
(C+, C, C-) Moderate

Marginal
(D) Basic

Failure
(F) Not even reaching marginal levels

Assessment Task
Participation (for students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion
Students will be assessed based on their contributions to online and in-class discussions, their preparation for ad-hoc questions, and their interaction with the instructor and other points of discussion raised by students.

Excellent
(A+, A, A-) High

Good
(B+, B) Significant

Marginal
(B-, C+, C) Moderate

Failure
(F) Inadequate

Assessment Task
Group Project (for students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion
Original thinking; Rational analysis; Structure and formation; Reasonable conclusion

Excellent
(A+, A, A-) High

Good
(B+, B) Significant

Marginal
(B-, C+, C) Moderate

Failure
(F) Not even reaching marginal levels

Assessment Task
Examination (for students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion
Application of learned knowledge with critical thinking in examine.

Excellent
(A+, A, A-) High

Good
(B+, B) Significant

Marginal
(B-, C+, C) Moderate

Failure
(F) Not even reaching marginal levels

Part III Other Information

Keyword Syllabus
Artificial intelligence
Regulation on artificial intelligence
Ethical challenges artificial intelligence
Privacy and personal data protection
Data ownership, data sharing, and data governance
Social media, consumer protection,
Online platform regulation
Bias, fairness, and transparency in generative AI
Intellectual property and copyright considerations

Reading List

Compulsory Readings

	Title
1	Nil

Additional Readings

	Title
1	Antonio Aloisi and Valerio de Stefano, Your Boss Is an Algorithm: Artificial Intelligence, Platform Work and Labour, 2022, Hart Publishing
2	Nathalie Smuha et al, How the EU Can Achieve Legally Trustworthy AI: A Response to the European Commission's Proposal for an Artificial Intelligence Act, 2021.
3	Bart Custers and Eduard Fosch-Villaronga, Humanizing Machines: Introduction and Overview, in Bart Custers and Eduard Fosch-Villaronga, Law and Artificial Intelligence: Regulating AI and Applying AI in Legal Practice, 2022, Asser Press, 3-28.
4	Lillian Edwards, Regulating AI in Europe: four problems and four solutions, 2022
5	Frank Wolf, A Blueprint for the Regulation of Artificial Intelligence Technologies, Ethics International Press, 2022
6	Course reading materials will be augmented by articles from journals, whitepapers, and other materials available online.