

Module Details	
Module Title	Safe AI: Ethics, Law and Governance
Module Code	LAW6030-B
Academic Year	2024/5
Credits	20
School	School of Law
FHEQ Level	FHEQ Level 6

Contact Hours	
Type	Hours
Lectures	24
Lectures	12
Independent Study	164
Independent Study	Through this module, students will explore the nature and scope of AI interventions, the ethical and legal implications of these technologies, their impact on societies and government institutions. The module will also provide an understanding of where legal and ethical considerations are being re-evaluated and redefined in light of emerging AI technologies.
Independent Study	Through this module, students will explore the nature and scope of AI interventions, the ethical and legal implications of these technologies, their impact on societies and government institutions. The module will also provide an understanding of where legal and ethical considerations are being re-evaluated and redefined in light of emerging AI technologies.
Independent Study	* Artificial intelligence technologies, digital, physical, societal and political security challenges. * The new threats presented by AI, the changing nature of threats and the potential for AI system vulnerabilities that present a potential for significant harm. * The ethical implications of using AI and its impact on human development and how political actors are protecting citizens from potential harm. *Legal frameworks for the regulation of AI in selective areas
Independent Study	Along with formal lectures, guest lectures, panel discussions and seminars will expose students to new threats presented by AI in different fields/organisational contexts. These sessions will help students acquire knowledge of legal, ethical, societal and environmental implications of algorithms, data, and artificial intelligence. Participation in seminars will help students explore a variety of issues, including the complex interaction between the governance of organizations and sovereign states, the proliferation of algorithmic decision making, autonomous systems, machine learning and explanation, the search for balance between regulation and innovation, and the effects of AI on the dissemination of information, along with questions related to individual rights, discrimination, and architectures of control. In independent study, students will be expected to carry out directed reading based on the topics discussed in lectures and seminars and conduct research relating to their chosen organisational context in preparation for their formative and summative assignments. Students will be assessed through a single case study report, in which they will explore/examine:- Benefits, threats and challenges of AI generally- Differences and implication of regulated and unregulated AI environments-Legal frameworks aimed at regulating AI in the selected area.- AI use in a particular organisational context, discussing how and why AI is used and the ethical, legal, governance and environmental implications of this. Students will complete formative tasks throughout the module and receive feedback in seminar and tutorial sessions. The key pieces of formative work will include an ethical and legal impact assessment relating to their chosen organisational context and a draft outline of their final case study report.
Independent Study	Ethical Impact Assessment

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 2

Module Aims

Through this module, students will explore the nature and scope of AI interventions, the ethical and legal implications of these technologies, their impact on societies and government institutions. The module will also provide an understanding of where legal and ethical considerations are being re-evaluated and redefined in light of emerging AI technologies.

Outline Syllabus

- * Artificial intelligence technologies, digital, physical, societal and political security challenges.
- * The new threats presented by AI, the changing nature of threats and the potential for AI system vulnerabilities that present a potential for significant harm.
- * The ethical implications of using AI and its impact on human development and how political actors are protecting citizens from potential harm.
- * Legal frameworks for the regulation of AI in selective areas

Learning Outcomes

Outcome Number	Description
01	Critically evaluate potential digital, societal, political benefits and threats from Artificial Intelligence applications.
02	Critically analyse the ethical and legal implications of regulated and unregulated AI environments.
03	Discuss the ethical, legal and environmental implications of AI technologies in different organisational and industrial contexts.
04	Apply existing ethical and legal frameworks to provide solutions to complex legal and ethical issues emerging from the use of AI in specific areas.

Learning, Teaching and Assessment Strategy

Along with formal lectures, guest lectures, panel discussions and seminars will expose students to new threats presented by AI in different fields/organisational contexts. These sessions will help students acquire knowledge of legal, ethical, societal and environmental implications of algorithms, data, and artificial intelligence. Participation in seminars will help students explore a variety of issues, including the complex interaction between the governance of organizations and sovereign states, the proliferation of algorithmic decision making, autonomous systems, machine learning and explanation, the search for balance between regulation and innovation, and the effects of AI on the dissemination of information, along with questions related to individual rights, discrimination, and architectures of control. In independent study, students will be expected to carry out directed reading based on the topics discussed in lectures and seminars and conduct research relating to their chosen organisational context in preparation for their formative and summative assignments. Students will be assessed through a single case study report, in which they will explore/examine:- Benefits, threats and challenges of AI generally- Differences and implication of regulated and unregulated AI environments- Legal frameworks aimed at regulating AI in the selected area.- AI use in a particular organisational context, discussing how and why AI is used and the ethical, legal, governance and environmental implications of this. Students will complete formative tasks throughout the module and receive feedback in seminar and tutorial sessions. The key pieces of formative work will include an ethical and legal impact assessment relating to their chosen organisational context and a draft outline of their final case study report.

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Coursework - Written	Safe AI: Ethics, Law and Governance	100%
Formative		Ethical Impact Assessment	N/A

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

© University of Bradford 2024

<https://bradford.ac.uk>