The Ethics of AI

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NUS National University of Singapore | Centre for Biomedical Ethics
Yong Loo Lin School of Medicine

The Ethics of AI

Course Outline & Highlights

Artificial Intelligence (AI) holds immense potential to transform society, emphasizing the need for a thorough understanding of the ethical, legal, and social impacts of its integration into our daily lives.

This course explores the convergence of ethics, AI technology, and law, featuring a panel of esteemed scholars and thought leaders from various global regions.

Participants will gain insights on:

- Ethical concerns like transparency and equity in society due to the growing presence of AI
- Moral frameworks for AI decision-making and the challenges related to how AI processes data and makes decisions, differing from or resembling human behavior
- Legal considerations associated with implementing AI technologies
- Future social implications as new AI advancements emerge and are applied in highly personal areas such as healthcare and medicine.

Who Should Attend

- AI researchers and technology specialists
- Healthcare professionals
- Academics and educators
- Legal practitioners
- Government officials & policy analysts

Benefits of Attending

- Better recognise the potential ethical, legal, and social impact of new AI technologies.
- Better equipped to understand, analyse, and articulate the ethical dilemmas and challenges that can arise from the introduction or implementation of new AI technologies.

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Educators

Prof Julian Savulescu
National University of Singapore

Prof Simon Chesterman
National University of Singapore

Prof Joseph Sung
National Technological University

Prof Jeanie Paterson
University of Melbourne

Prof Michael Wooldbridge
University of Oxford

Prof Guy Kahane
University of Oxford

Prof Walter Sinnott-Armstrong
Duke University

Prof Vincent Conitzer
Carnegie Mellon University

Dr Peng Liu
Zhejiang University

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Educators

Prof Eric Schwitzgebel
University of California, Riverside

A/Prof Boris Babic
University of Hong Kong

Dr John Danaher
University of Galway

Dr Brian Earp
University of Oxford

Kwan Yee Ng
Concordia AI

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Course Structure

Each topic consists of 2 parts	Part 1	Part 2
Delivery mode	• A pre-recorded video lecture by the speaker for that topic. • View anytime online from 30 April 2024, with subtitles in English & Chinese.	• Synchronous 'live' online Zoom dialogue session where you can engage in further discussion with the speaker for that topic. • The date & time for each dialogue session is shown in the topic schedule below.
Duration	40 - 50 mins	60 - 70 mins

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Course Structure

Topic	Date	Time
Topic 1 : History of Artificial Intelligence *Prof Michael Wooldridge (Oxford)*	14 May 2024	5.00 to 6.10pm (SGT)
Topic 2 : Explainability, Interpretability or Justifiability *A/Prof Boris Babic (HKU)*	16 May 2024	5.00 to 6.10pm (SGT)
Topic 3 : Moral Decision-Making Frameworks for Artificial Intelligence *Prof Vincent Conitzer (Carnegie Mellon)*	21 May 2024	8.30 to 9.40pm (SGT)
Topic 4 : From Ethics to Law – Whether, When and How to Regulate AI *Prof Simon Chesterman (NUS)*	23 May 2024	5.00 to 6.10pm (SGT)
Topic 5 : The State of AI Safety in China *Kwan Yee Ng (Concordia AI)*	28 May 2024	5.00 to 6.10pm (SGT)
Topic 6 : Puzzles About The Moral Status of AI Systems *Prof Eric Schwitzgebel (UC Riverside)*	31 May 2024	8.00 to 9.10am (SGT)

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Course Structure

Topic	Date	Time
Topic 7 : Meaning and Value in Virtual Reality *Prof Guy Kahane (Oxford)*	4 June 2024	5.00 to 6.10pm (SGT)
Topic 8 : The Moral Status of AI – Can AI Be People? *Dr John Danaher (NUI Galway)*	6 June 2024	5.00 to 6.10pm (SGT)
Topic 9 : Co-piloting With AI in Healthcare *Prof Joseph Sung (NTU)*	11 June 2024	5.00 to 6.10pm (SGT)
Topic 10 : Using AI to Predict Human Moral Judgments – Case Study of Kidney Allocation *Prof Walter Sinnott-Armstrong (Duke)*	13 June 2024	8.00 to 9.10pm (SGT)
Topic 11 : Ethics of Personalised Large Language Models *Prof Julian Savulescu (NUS)*	18 June 2024	5.00 to 6.10pm (SGT)
Topic 12 : Misleading AI – Frauds, Fakes and the Value of Transparency *Prof Jeannie Paterson (Melbourne)*	20 June 2024	5.00 to 6.10pm (SGT)

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Course Structure

Topic	Date	Time
Topic 13 : Public Attitudes and Acceptability of AI Technology *Dr Peng Liu (Zhejiang)*	25 June 2024	5.00 to 6.10pm (SGT)
Topic 14 : Credit, Blame, Autonomy and Consent in Medical AI *Dr Brian Earp (Oxford)*	27 June 2024	5.00 to 6.10pm (SGT)

Pre-Requisites & Assessment

- No pre-requisites required.

- Singaporean participants who take the full course using their SkillsFuture Credits (SFCs) are required to take an online test with multiple-choice questions, at the end of the series.

Awards & Certification

- Participants who complete the course will be awarded a digital Certificate of Completion.

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Course Fees

- We offer flexible pricing bundles to cater to your learning preferences, giving you the flexibility to tailor your learning experience based on your individual interest and needs.

- Learners can enrol for the full course of all topics, or select any combination of 3, 6, 9 or 12 topics. Each topic includes access to the pre-recorded video lecture by the topic speaker and the live online dialogue session with the speaker to discuss the topic.

- Singaporean learners who take the full course may be eligible to use their SkillsFuture Credits (SFC), subject to fulfilling the prescribed criteria and conditions.

Number of Topics	Course fee SG$ (excluding GST)	Course fee S$ (including GST)
3	$600	$654
6	$1140	$1242.60
9	$1620	$1765.80
12	$2160	$2354.40
Full course (all topics)	$2720	$2964.80

Contact Person

Ms Karen Teo | medtysk@nus.edu.sg | +65 6516 8141