

Summary of the UNESCO [ChatGPT and Artificial Intelligence in higher education: Quick start guide](#):

Part 2 – Ethical Considerations and Recommendations

There are several ethical considerations to take into account when using ChatGPT (and other AI), including:

Academic integrity: the concern that students may use ChatGPT for assignments, especially without acknowledging it. So far, there are no comprehensive tools for detecting ChatGPT plagiarism, and cheating.

Lack of regulation: there has so far been little or no regulation of AI, and generative AI in particular.

Privacy concerns: in April 2023, Italy blocked access to ChatGPT arguing there was no legal basis for the collection and storage of personal data to train ChatGPT. [Current EU regulatory proposals are also concerned about the collection of personal data].

Cognitive bias: ChatGPT is not governed by ethical principles – it only collects information from internet.

Gender and diversity: gender issues concern all forms of AI, as women participate relatively little in AI subjects and R&D, while generative AI reinforces gendered and other stereotypes.

Accessibility: ChatGPT is not equally available across countries and users, given varied access to internet.

Commercialisation: though OpenAI has said it will keep a version of ChatGPT with free access, its advanced version requires a subscription. Future AI development may not be open source, and data extracted may be used for commercial ends.

UNESCO Recommendations for using ChatGPT

Use with care and creativity. Suggestions include:

- Create opportunities for faculty, staff, students and other stakeholders to discuss the impacts of ChatGPT.
- Introduce clear guidelines for students and instructors (about when ChatGPT may be used and when not).
- Connect use to learning outcomes, to help student understanding.
- Review all forms of assessment to ensure they are fit for purpose. This may entail replacing exams [and assignments] with in-person assessments or changing exam formats.
- Check and revise policies about academic integrity/honesty to account for ChatGPT and AI.
- Train teachers, researchers and students to use ChatGPT and formulate prompts.

In general, integrating and training in ChatGPT is important to its proper and effective use.

Conduct an AI Audit: understand > decide > monitor

This involves:

1/ Understanding the existing situation, on issues of data collection, privacy protection, plagiarism and safeguarding, types of AI already used, by whom, and training provided.

2/ Deciding which AI to use, which areas of the institution could use AI, which criteria to use for selecting AI, how data can be protected, what the policy on open source/access to commercial AI tools is, how accessibility can be supported.

3/ Monitoring performance and equity, deciding how to measure effectiveness of AI, how is data being used, and how AI affects equity.