

附件：

International Doctoral Research Seminar 2026

Seminar topic: *AI and the Transformation of Knowledge Production in Higher Education*

Focus:

How AI changes how research is produced, validated, and circulated.

Brief description:

Artificial intelligence is rapidly reshaping the processes through which knowledge is produced, analyzed, and disseminated. From AI-assisted literature reviews and data analysis to automated writing tools and algorithmic peer review, these technologies are altering the epistemic practices of academic research. While AI may enhance research productivity and accessibility, it also raises profound questions about authorship, academic integrity, epistemic authority, and the future of scholarly expertise. This doctoral seminar will examine how AI is transforming research practices across disciplines and explore the methodological, ethical, and epistemological implications of integrating AI into scholarly work.

Students will critically engage with emerging debates on AI-assisted research design, data analysis, writing, and peer review, while also reflecting on the implications of these tools for academic norms, research training, and the governance of knowledge production. Through readings, discussions, and applied exercises, participants will develop the skills to critically assess the role of AI in research and to responsibly integrate AI tools into their own scholarly practice.

As part of the seminar, students will develop a research-based paper related to the theme of AI and academic research. Students will have the opportunity to prepare their paper as a potential article for submission to a planned special issue of a peer-reviewed Q1/Q2 journal on AI and research practices. The seminar will therefore also include guidance on transforming course papers into publishable manuscripts, including framing research questions, structuring academic articles, and navigating the peer-review process.

Possible topics:

- AI in literature reviews and knowledge synthesis
- AI-assisted qualitative and quantitative analysis
- AI and authorship: epistemic authority and academic integrity
- AI and peer review processes
- AI and research productivity inequalities
- AI-generated scholarship and epistemic trust
- AI and doctoral education and research capacity development
- AI and collaborative research networks
- AI and open science
- Universities as AI knowledge ecosystems

Seminar Structure:

Participation in the Doctoral Research Seminar will include:

PRE-SEMINAR - Academic & Cultural Orientations – June to September 2026, on-line interactions between BNU, UOC, and QUT seminar participants and faculty mentors (in Zoom).

SEMINAR - In Calgary, Canada from October 26 – 30, 2026. Participants from three universities need to be available full days, Monday to Friday, the entire week.

POST-SEMINAR - Scholarly writing and other forms of knowledge mobilization, working together with other Seminar participants from the three participating academic institutions (Nov 2026 - Jun 2027)