

## Undergraduate Research Opportunity

### PROJECT

### Artificial Intelligence in Philosophy Teaching &

### Research Experience

Jeffrey Watson

Philosophy

Hours required p/week:	9
Credits anticipated:	3

The goal of this project is to experiment with the use of Artificial Intelligence tools for the purpose of improving the accessibility of philosophical research and teaching. Possible experimental uses include: (1) using AI to organize and improve existing resources in introductory logic, (2) developing effective AI prompts to develop pedagogical tools or experiences in introductory logic, introductory philosophy, and history of philosophy courses, (3) using AI as a tool for doing background research in recent literature, and (4) evaluating the usefulness or non-usefulness of AI at various stages in the essay writing process. The project focuses on potential benefits rather than risks to philosophy teaching and research.

TEMPE

### STUDENT

#### Research assistant's duties:

Duties will depend upon the experimental use described and student interest, but will include exporting, importing, and formatting text, evaluating the quality of outputs, developing prompts, recording, tracking, evaluating, and reporting results, and a lot of experimentation with these tools. Particular duties may shift throughout the semester as we learn what is or is not useful.

#### Required skills or qualifications:

Required qualifications: B or higher in Symbolic Logic (PHI 333) and B or higher in Philosophical Argumentation and Exposition (PHI 300). Desired qualifications: Excellence in both formal and informal reasoning and logic and philosophical writing, familiarity and experience with LLM tools like ChatGPT, Gemini, and Claude, familiarity with using sources like philpapers and the ASU Library to do a literature review, and adaptability.

#### Skills student will acquire:

Students will gain experience with both the power and the limits of Artificial Intelligence tools for both teaching and research in philosophy.