

# AI Use Guidelines

## Purpose

Artificial Intelligence (AI) tools (e.g., language models, coding assistants) can support your learning and research. Their use is permitted when it enhances understanding, but not when it replaces your independent scientific thinking or authorship.

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## Guiding Principle

Use AI to **support your thinking, not replace it.**

Your goal as a PhD student is to develop independent, critical, and original scientific expert

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## 1. What You May Use AI For

You are encouraged to use AI tools to:

- Clarify scientific concepts, theories, or equations
  - Explore background literature (with independent verification)
  - Assist with coding (debugging, syntax, examples)
  - Improve language, clarity, and structure of your own writing
  - Brainstorm ideas or outline approaches
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## 2. What You May Not Do

The following uses are not allowed:

- Submitting AI-generated answers, proofs, or analyses as your own work
  - Using AI to complete entire assignments or key intellectual components
  - Generating or fabricating data, results, or citations
  - Paraphrasing AI output without proper acknowledgment
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## 3. Transparency Requirement

You must clearly disclose any AI use in your submission.

Include:

- The tool used (e.g., ChatGPT, Copilot)
- How it was used (e.g., concept explanation, code debugging)
- The extent of its contribution

### Example:

“I used ChatGPT to clarify the concept of stochastic gradient descent and to debug Python code. All final reasoning and conclusions are my own.”

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#### 4. Your Responsibility 🔍

You are fully responsible for:

- Verifying correctness of AI-generated information
- Checking sources and avoiding fabricated references
- Ensuring your submission reflects your own understanding

You may be asked to explain or defend your work.

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#### 5. Authorship & Academic Integrity 🗨️

All submitted work must:

- Represent your own reasoning and scientific judgment
- Be work you can explain without AI assistance

Failure to comply may be treated as academic misconduct.

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#### 6. Data Protection 🗝️

Do not upload or share:

- Unpublished research data
  - Confidential or proprietary information
  - Sensitive datasets
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#### 7. Assignment-Specific Rules 📌

Instructors may define stricter or more specific AI rules for individual assignments. Always follow those first.