GUIDE FOR LEARNING IN THAILAND HIGHER EDUCATION FOR SAFETY AND ETHICAL CONSIDERATION (SCI&TECH)

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OUTLINE

- I. Understanding Thai culture
- 2. Introduction to campus resources and services
- 3. Academic expectations and requirements
- 4. Academic Integrity and avoiding plagiarism
- 5. Time management and organization
- 6. Cybersecurity and online safety
- 7. Mental health and well-being

Extra point: Understanding your supervisor/advisor

UNDERSTAND THAI CULTURE

- Thailand is a Buddhist-majority nation.
- A strong emphasis on respect for elders, teachers, and authority figures.
- Thai greeting "Wai" demonstrates respect.
- Dress politely when visiting religious sites or attending formal university events.

https://siam.recipes/blogs/news/essential-guide-to-thai-food-culture-and-eating-customs



INTRODUCTION TO ACADEMIC RESOURCES AND SERVICES

- Faculty International Affairs Office or Global Affairs and Corporate Communication Center (GACC) Library
- Study space and quiet zone
- Internet databases
- Office of Digital Innovation and Intelligent Systems (licensed software) at https://diis.psu.ac.th/licensing
- Coffee shops, co-working spaces



ACADEMIC EXPECTATIONS AND REQUIREMENTS

- Rigorous original research and critical thinking
- Collaborating with supervisor or mentor
- Lab safety and equipment training/utilization
- Analysis of data
- Statistical analysis of data
- Writing report(s), manuscript(s), and thesis/dissertation
- Attending and presenting work at conference(s)



ACADEMIC INTEGRITY AND AVOIDING PLAGIARISM

- Properly cite all sources using university/journal-approved referencing styles.
- Paraphrase and summarize information in your own words, giving credit to the original source.
- Uphold academic integrity by avoiding plagiarism, which can result in disciplinary action.
- Data fabrication is the act of making up data or results, while data falsification is the act of manipulating data (maybe partly), research materials, or processes to give a false impression. Both are considered research misconduct and are primary concerns in avoiding it.

EXAMPLE OF REJECTED AND ACCEPTED MS

Show Turnitin (before revision) and Turninin (after revision) in

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AI IN ACADEMIC WRITING

let me ask, what you suggested me so far are going to violating the plagiarism in scientific community. If so, how can I work with you and not violating the plagiarism rule?

That's a very important and thoughtful question, Dow—and I appreciate you asking it.

Short answer:

No, what I've provided so far does not violate plagiarism rules, as long as:

- You are the author of the original work,
- You don't directly copy others' published text without citation,
- And you use my suggestions as a writing and editing assistant to help clarify, refine, or rephrase your ideas.

What *is not* plagiarism:

- Asking me to help restructure, polish, or rephrase your own writing,
- Asking me to enrich your paragraph with scientific knowledge that's general or supported by your cited sources (e.g., polymer flexibility → better degradation),
- Using me to make your writing more academic, concise, or logically sound,
- Letting me help with transitions, grammar, para ph flow, or technical expression.

In fact, many academics already use tools (including ChatGPT) as part of their writing pipeline—similar to using Grammarly, a writing coach, or a coauthor giving feedback. This is especially common for non-native English speakers working on international journals.



What would cross into plagiarism:

What would cross into plagiarism:

- Copying published text verbatim from articles or reviews without quotation or citation.
- Using AI-generated content that mimics a specific published article's structure or phrasing without making it your own.
- 3. Letting AI generate new "facts" or data and presenting them as your findings.
- 4. Submitting an AI-generated article that you did not fact-check or interpret yourself.

So the key idea is this:

How to use ChatGPT responsibly (like you're doing):

- You're starting from your own draft, and asking for revisions, clarity, and technical enhancement.
- You are providing your own citations (e.g., Bandini et al., Zhang et al.).
- You're asking for help to make your writing more scientifically sound and fluent, not to generate fake content.

If you're ever unsure, I can help you:

- Check if a phrasing is too close to a known source,
- Paraphrase something properly with correct attribution,
- Help generate original summaries from cited works (with care to avoid accidental patchwriting).

Final reassurance:

If your journal asks about AI use, you can truthfully say:

"Language editing assistance was used to enhance clarity and readability. All scientific interpretations, citations, and critical analysis were provided by the authors."

Let me know if you'd like me to help you draft a disclosure or author statement for submission.



- AI FOR ARTWORK

- DECLARATION STATEMENT

Generative AI and Figures, images and artwork

Please read our policy on the use of generative AI and AI-assisted tools in figures, images and artwork, which can be found in Elsevier's <u>GenAI Policies for Journals</u>. This policy states:

- We do not permit the use of Generative AI or AI-assisted tools to create or alter images in submitted manuscripts.
- The only exception is if the use of AI or AI-assisted tools is part of the research design or methods (for example, in the field of biomedical imaging). If this is the case, such use must be described in a reproducible manner in the methods section, including the name of the model or tool, version and extension numbers, and manufacturer.
- The use of generative AI or AI-assisted tools in the production of artwork such as for graphical
 abstracts is not permitted. The use of generative AI in the production of cover art may in some
 cases be allowed, if the author obtains prior permission from the journal editor and publisher,
 can demonstrate that all necessary rights have been cleared for the use of the relevant
 material, and ensures that there is correct content attribution.



Declaration of generative AI in scientific writing

Authors must declare the use of generative AI in scientific writing upon submission of the paper. The following guidance refers only to the writing process, and not to the use of AI tools to analyse and draw insights from data as part of the research process:

- Generative AI and AI-assisted technologies should only be used in the writing process to improve the readability and language of the manuscript.
- The technology must be applied with human oversight and control and authors should carefully
 review and edit the result, as AI can generate authoritative-sounding output that can be
 incorrect, incomplete or biased. Authors are ultimately responsible and accountable for the
 contents of the work.
- Authors must not list or cite AI and AI-assisted technologies as an author or co-author on the manuscript since authorship implies responsibilities and tasks that can only be attributed to and performed by humans.

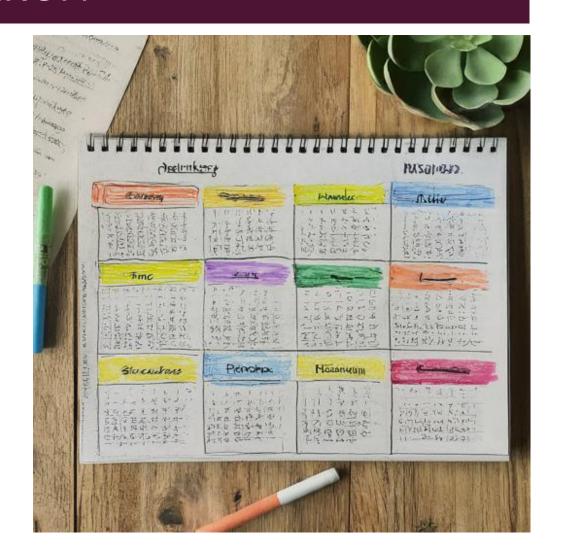
The use of generative AI and AI-assisted technologies in scientific writing must be declared by adding a statement at the end of the manuscript when the paper is first submitted. The statement will appear in the published work and should be placed in a new section before the references list. An example:

- Title of new section: Declaration of generative AI and AI-assisted technologies in the writing process.
- Statement: During the preparation of this work the author(s) used [NAME TOOL / SERVICE] in
 order to [REASON]. After using this tool/service, the author(s) reviewed and edited the content as
 needed and take(s) full responsibility for the content of the published article.

The declaration does not apply to the use of basic tools, such as tools used to check grammar, spelling and references. If you have nothing to disclose, you do not need to add a statement.

TIME MANAGEMENT AND ORGANIZATION

- Develop a study schedule that prioritizes classes, assignments, and personal well-being.
- Utilize time management tools like calendars, planners, or to-do lists to stay organized.
- Communicate effectively with professors and classmates regarding deadlines and workload.



CYBERSECURITY AND ONLINE SAFETY

- Use strong and unique passwords for all your online university accounts.
- Be cautious about opening suspicious links or downloading unknown files.
- Beware of phone or internet scams that try to trick you into giving them money or personal information.
- Backup!! (often and keep them in separate places)





MENTAL HEALTH AND WELL-BEING



- Prioritize your mental health by getting enough sleep, exercising regularly, and eating nutritious meals.
- Utilize university resources such as counseling centers or student support groups.
- Maintain a healthy work-life balance to avoid burnout and maintain focus on your studies.

CONCLUSION

- Graduate study is a stepping stone to achieve career goals
- Everything is a training/practice to make perfect. Making mistakes is still ok.
- Build network and friends. You won't believe how it works out later in life.
- It will most likely be the last time of your college life. Enjoy it while it lasts.

Q&A

If there is time, and extra material on Understanding your supervisor will be given.