



Maejo university

Doctor of Philosophy Program in Design Innovation for Sustainability

Ph.D. (DESIGN INNOVATION FOR SUSTAINABILITY)

www.arch.mju.ac.th

PROGRAM INFORMATION



Duration of Study : 3 years

Semester 1 : June - October
Semester 2 : November – March

Tuition fees : For entire program amount to 195,600 baht*
(32,600 baht per semester)



PROGRAM PHILOSOPHY



Emphasizes the importance of learning and conducting interdisciplinary research, focusing on core components such as design principles, environmental analysis, and their integration with the economy and society in a sustainable and efficient Eco-system (Ecological + Economical).



Respond to contemporary development needs, addressing current environmental issues and preventing future environmental challenges in an ethical manner.

PROGRAM LEARNING OUTCOMES

Analyze and evaluate the environmental impacts of designs with digital technology.



Employ design decisions and problem-solving methodologies rooted in environmental analysis and guided by scientific principles.

Conduct research to generate scholarly insights in eco-friendly design.

Create innovative designs for sustainability.



STUDY PLAN



PLAN 1

- It is a research-based study plan with a dissertation that creates new knowledge.
- Additional courses or other academic activities may be required without counting credits



PLAN 2

It is an academic study plan comprising coursework and the development of a high-quality dissertation, aiming to contribute to both academic and professional advancement.

PLAN 1

Non-Credit Course + Dissertation

Year 1

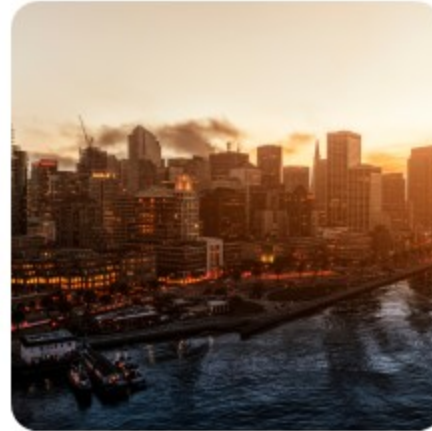
Semester 1 and 2



- Research Methodology in Design Innovation for Sustainability
- Seminar 1-2
- Dissertation 1-2

Year 2

Semester 1 and 2



- Seminar 3-4
- Dissertation 3-4

Year 3

Semester 1 and 2



- Seminar 5-6
- Dissertation 5-6

PLAN 2

Non-Credit course + Credit course + Dissertation

Year 1

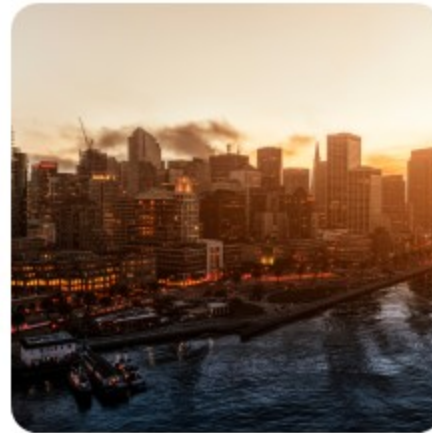
Semester 1 and 2



- Research Methodology in Design Innovation for Sustainability
- Seminar 1-2
- Study Course 1-4
- Dissertation 1

Year 2

Semester 1 and 2



- Seminar 3-4
- Dissertation 2-3

Year 3

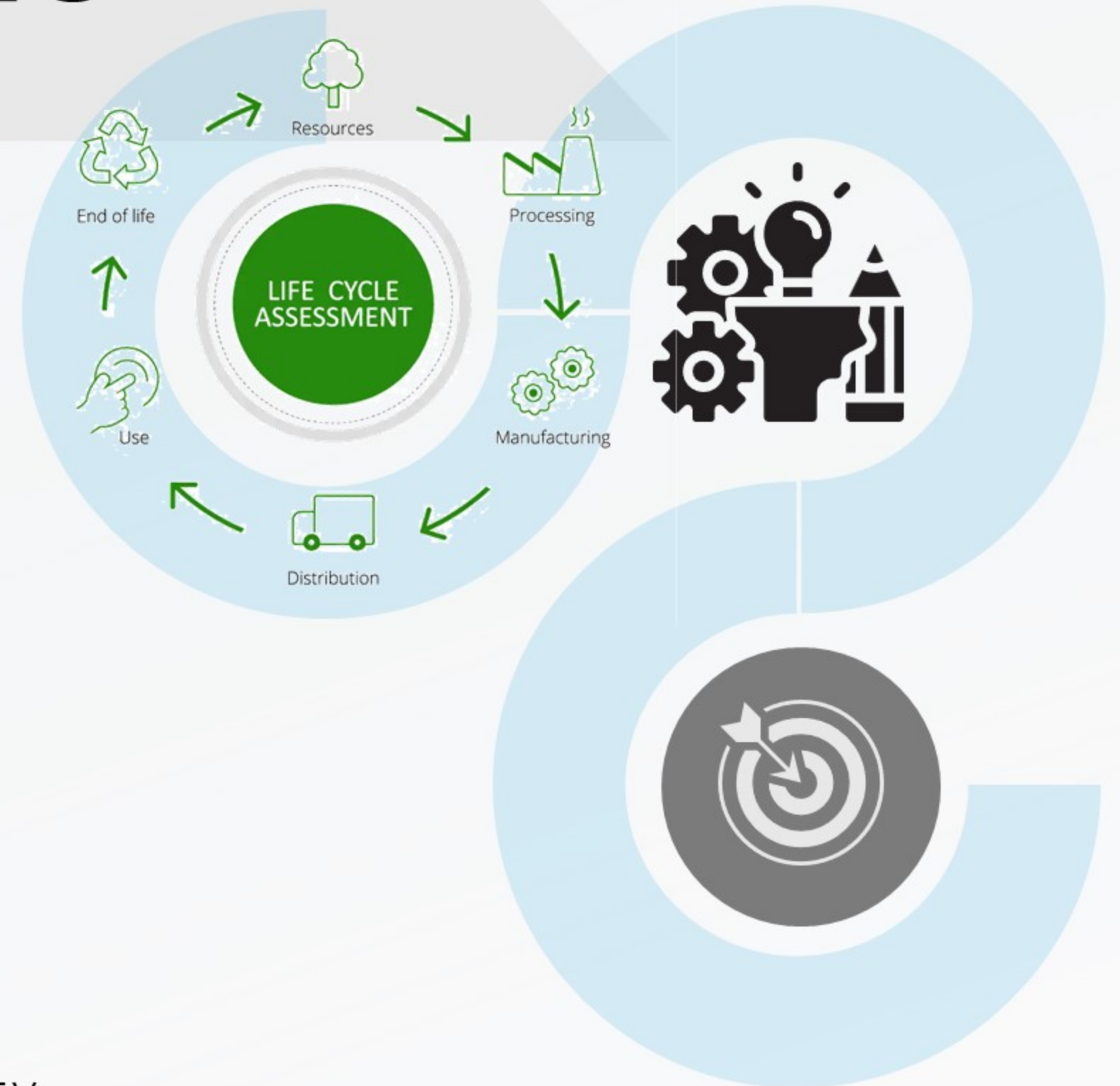
Semester 1 and 2



- Seminar 5-6
- Dissertation 4-5

INTERESTING SUBJECTS

- 01** Ecological Design and Innovation
- 02** Life Cycle Assessment (LCA) for Sustainable Design
- 03** Design Thinking for Sustainability
- 04** Digital Transformation and Human Behavior
- 05** Green Technology Innovation for Sustainability



QUALIFICATIONS OF APPLICANTS

Individuals holding
a master's degree-



or its equivalent in
a design-related
field.



Encompassing
pertinent areas in
industry,
environmental
science, as well as
science and
technology.



PROGRAM INSTRUCTORS



**Assoc. Prof. Dr.
Nachawit
Tikul**



**Dr.
Chokanan
Wanitlerthanasarn**



**Asst. Prof. Dr.
Tanwutta
Thaisuntadnasarn**



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