

FINANCIAL AID

A number of scholarships are available for suitable candidates. Full scholarships with total fees being provided for, are available to applicants with prominent academic records who show high potential of accomplishment. Partial scholarships are also available. These may include the support of all fees or just tuition fees, or a portion of either fee. The scholarship recipients are selected by a committee on the basis of academic records and financial need.



ADMISSION

Application and letter of recommendation forms may be downloaded from the website http://www.siiit.tu.ac.th/graduate_general_en.htm#application

Application Deadline:

- ★ The last week of April for the first semester.
- ★ The last week of September for the second semester.



CONTACT US



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Sirindhorn International Institute of
Technology

THAMMASAT UNIVERSITY

**LOW CARBON TECHNOLOGY
AND MANAGEMENT
FOR
SUSTAINABLE ENERGY AND ENVIRONMENT**

Master's and Doctoral Programs
in Engineering Technology



INTRODUCTION

Challenges of global climate change, energy insecurity and economic growth can be solved with rapid development of low carbon technologies and management. There are a wide range of technologies at various stages of development that could contribute to energy and environmental goals. However, they are not being developed at the rate required due to a combination of technological, skill, financial, commercial and regulatory barriers.

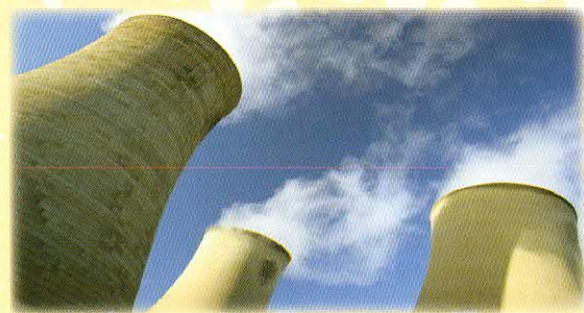
Faced with the scale and urgency of the energy-environment crises, one of the greatest challenges for the world is to accelerate the commercialization and international transfer of better low carbon technologies and management. Developing countries in particular have the potential to leapfrog existing technologies and move directly onto a low carbon, sustainable economy pathway.

Sirindhorn International Institute of Technology (SIIT) of Thammasat University, offers Master's and Doctoral degrees in Engineering Technology with specialization in Low Carbon Technology and Management - interdisciplinary programs related to energy, environmental, economic and social issues. The programs help to create future leaders for a low carbon society.



OBJECTIVES

These programs offer wide range opportunities for studying global warming. The main objective is to produce leaders that are able to create and develop low carbon technologies as well as to manage these technologies to mitigate global warming challenges. The research programs have been designed to prepare for a sustainable society.



RESEARCH AREAS

Several interdisciplinary research topics are offered in order to achieve the objectives of these programs:

1. Clean Combustion Technologies
2. Waste Management
3. Bio-energy
4. Bio-hydrogen Production
5. Solar and Wind Energy
6. Fuel Cells
7. Energy Planning and Policy
8. Nuclear Power Technology
9. CO₂ Mitigation and Sequestration
10. Life Cycle Assessment
11. Energy in Buildings & Industries
12. Transportation Management
13. Agriculture and Forestry Management
14. Ecosystem and Climate Change
15. Energy Economics
16. Energy and Environmental Effects on Humans

