

This program aims at developing graduates with profound knowledge and ability in the field of energy management technology to solve problems and to develop innovative ideas for the society and the country.

Applicant Qualifications

1. A candidate must hold a degree in science, engineering, education technology or equivalent or in accordance with the opinion of program committee.
2. A candidate must have qualifications in accordance with Article 15: Admission, King Mongkut's University of Technology Thonburi on Graduate Studies' Regulations B.E. 2547 (2004).

Professions after Graduation

1. Teacher, lecturer, academic, and researcher in both government or private educational institutions and agencies
2. Engineer and scientist in energy management, energy manager and expert in energy management technology
3. Consultant engineer in energy management, entrepreneur in energy management or related fields

Curriculum

Plan 1.1 for student with Master degree	48 Credits
Plan 1.2 for student with Bachelor degree	72 Credits
Plan 2.1 for student with Master degree	49 Credits
Plan 2.2 for student with Bachelor degree	73 Credits

Curriculum Components

Plan 1.1 for student with Master degree		
● Major Course	1	Credits (S/U)
● Dissertation	48	Credits
Plan 1.2 for student with Bachelor degree		
● Major Course	1	Credits (S/U)
● Dissertation	72	Credits
Plan 2.1 student with Master degree		
● Major Course	4	Credits
● Elective Course	9	Credits
● Dissertation	36	Credits
Plan 2.2 for student with Bachelor degree		
● Major Course	16	Credits
● Elective Course	9	Credits
● Dissertation	48	Credits

COURSE STRUCTURE

Plan 1.1 for student with Master degree

First Year

First Semester	Credits
EEM 701 Seminar	1(0-2-3)(S/U)
EEM 708 Dissertation	6(0-12-24)
Total	6(0-14-27)

Second Semester

Second Semester	Credits
EEM 708 Dissertation	9(0-18-36)
Total	9(0-18-36)

Second Year

First Semester	Credits
EEM 708 Dissertation	9(0-18-36)
Total	9(0-18-36)

Second Semester

Second Semester	Credits
EEM 708 Dissertation	9(0-18-36)
Total	9(0-18-36)

Third Year

First Semester	Credits
EEM 708 Dissertation	9(0-18-36)
Total	9(0-18-36)

Second Semester

Second Semester	Credits
EEM 708 Dissertation	6(0-12-24)
Total	6(0-12-24)

Plan 1.2 for student with Bachelor degree

First Year

First Semester	Credits
EEM 701 Seminar	1(0-2-3)(S/U)
EEM 710 Dissertation	12(0-24-48)
Total	13(0-26-51)

Second Semester	Credits
EEM 710 Dissertation	12(0-24-48)
Total	12(0-24-48)

Second Year	
First Semester	Credits
EEM 710 Dissertation	12(0-24-48)
Total	12(0-24-48)

Second Semester	Credits
EEM 710 Dissertation	12(0-24-48)
Total	12(0-24-48)

Third Year	
First Semester	Credits
EEM 710 Dissertation	12(0-24-48)
Total	12(0-24-48)

Second Semester	Credits
EEM 710 Dissertation	12(0-24-48)
Total	12(0-24-48)

Plan 2.1 for student with Bachelor Degree

First Year	
First Semester	Credits
EEM 601 Research Methodology	3(3-0-9)
EEM 701 Seminar	1(0-2-3)
EMM XXX Major Course	3(3-0-9)
EMM XXX Major Course	3(3-0-9)
Total	10(9-2-30)

Second Semester	Credits
EMM XXX Major Course	3(3-0-9)
EEM 710 Dissertation	6(0-12-24)
Total	9(3-12-33)

Doctor of Philosophy Program in Energy Management Technology

Second Year

First Semester	Credits
EEM 709 Dissertation	9(0-18-36)
Total	9(0-18-36)

Second Semester	Credits
EEM 709 Dissertation	9(0-18-36)
Total	9(0-18-36)

Third Year

First Semester	Credits
EEM 709 Dissertation	6(0-12-24)
Total	6(0-12-24)

Second Semester	Credits
EEM 709 Dissertation	6(0-12-24)
Total	6(0-12-24)

Plan 2.2 for student with Bachelor degree

First Year

First Semester	Credits
EEM 601 Research Methodology	3(3-0-9)
EEM 701 Seminar	1(0-2-3)
EEM 611 Renewable, Alternative and Efficient Energy Technology	3(3-0-9)
EEM 612 Management Technology Principles	3(3-0-9)
EEM 613 Sustainability for Energy, Environment and Materials	3(3-0-9)
Total	13(12-2-39)

Second Semester	Credits
EMM 631 Energy Policy and Planning	3(3-0-9)
EMM XXX Major Course 1	3(3-0-9)
EMM XXX Major Course 2	3(3-0-9)
EEM 708 Dissertation	3(0-6-12)
Total	12(9-6-39)



School of Energy, Environment and Materials

Doctor of Philosophy Program in Energy Management Technology

Second Year

First Semester

	Credits
EMM XXX Major Course 3	3(3-0-9)
EEM 708 Dissertation	9(0-18-36)
Total	12(3-18-45)

Second Semester

	Credits
EEM 708 Dissertation	12(0-24-48)
Total	12(0-24-48)

Third Year

First Semester

	Credits
EEM 708 Dissertation	12(0-24-48)
Total	12(0-24-48)

Second Semester

	Credits
EEM 708 Dissertation	12(0-24-48)
Total	12(0-24-48)