

Master of Science Program in Renewable Energy

Academic Institution: Naresuan University, School of Renewable Energy Technology

Duration:

Two (2) years academic years

Master Course will start on August 2016.

Objectives:

1. To be knowledgeable, skillful, and experienced in advanced-level renewable energy fields and capable to integrate by emphasizing on progressive
2. To be capable of researching in renewable energy fields systemically
3. To be full of merit, ethics, and continuously inquisitive

Course Synopsis & Methodology:

The course will be taught in English. The students must take coursework and write a thesis emphasizing high quality research.

Course Content/ Study Topic:

The first year

First Semester

| | | |
|--------|---|------------------|
| 852501 | Research Methodology in Science and Technology (Non-credit) | 3(3-0-6) |
| 852504 | Instrumental Techniques in Renewable Energy Research | 3(2-3-5) |
| 852505 | Renewable Energy | 3(2-3-5) |
| 852506 | Thermodynamics and Fluid Mechanics | 3(2-3-5) |
| | T | |
| | Total | 9 credits |

Second Semester

| | | |
|--------|--|------------------|
| 852507 | Simulation, Design and Optimization of Energy System | 3(2-3-5) |
| 852xxx | Elective Course | 3(x-x-x) |
| 852502 | Seminar 1 (Non-credit) | 1(0-3-1) |
| 852591 | Thesis 1, Type A2 | 3 credit |
| | Total | 9 credits |

The second year

First Semester

| | | |
|--------|------------------------|------------------|
| 852xxx | Elective Course | 3(x-x-x) |
| 852xxx | Elective Course | 3(x-x-x) |
| 852503 | Seminar 2 (Non-credit) | 1(0-3-1) |
| 852592 | Thesis 2, Type A2 | 3 credit |
| | Total | 9 credits |

Second Semester

| | | |
|--------|-------------------|------------------|
| 852xxx | Elective Course | 3(x-x-x) |
| 852593 | Thesis 3, Type A2 | 6 credit |
| | Total | 9 credits |

Qualifications:**Qualification for Admission**

This program is opened to applicants who have a degree in Engineering or Science.

Note: The applicants should have required English score attaché with the application form.

Requirement for Graduation

1. Complete all course requirements of the program.
2. Satisfy the English proficiency requirement.
3. Have at least one article published in journal or conference proceeding accepted by School of Renewable Energy Technology.
4. Complete a thesis of original research work and successfully defend it.

Documents Required:

1. Three (3) copies of the TICA Application Form affixed with colored photographs.
2. Two (2) letters of recommendation or references and two (2) copies of each.
3. Educational certificates and two (2) copies of each.
4. Academic transcripts (mark sheets) of studies in English and two (2) copies of each.
5. English language certificate e.g. TOEFL, IELTS, Institute of Foreign Affairs Test (INFA Test) and its two (2) copies.
6. Three (3) copies of Personal Identity Card or Official Staff Card.
7. Document to certify change of name or surname and/or marital status (if any).
8. Other supporting document.

Number of Participant: 3

Eligible Countries:

Afghanistan, Bangladesh, Cape Verde, Comoros, Eritrea, Fiji, Ghana, Indonesia, Iran, Jordan, Lesotho, Malaysia, Maldives, Mauritania, Nepal, Nigeria, Pakistan, Papua New Guinea, Philippines, Republic of Seychelles, Rwanda, Senegal, Solomon Island, South Sudan, Sudan, Sri Lanka, Timor-Leste, Togo and Vanuatu.

Closing Date For Nominations:

March 2016

Contact:

School of Renewable Energy Technology

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