

Master & Doctor of Philosophy Programs in Materials Science



Research Fields

Nanoscience NanoTechnology

NanoTechnology for Medical Applications

Nanosensors for Disgonosis and Screening

NanoTechnology for Environmental Concerns

Nanomaterials for Food Packaging

Nanomaterials for Energy Harvesting and Storage

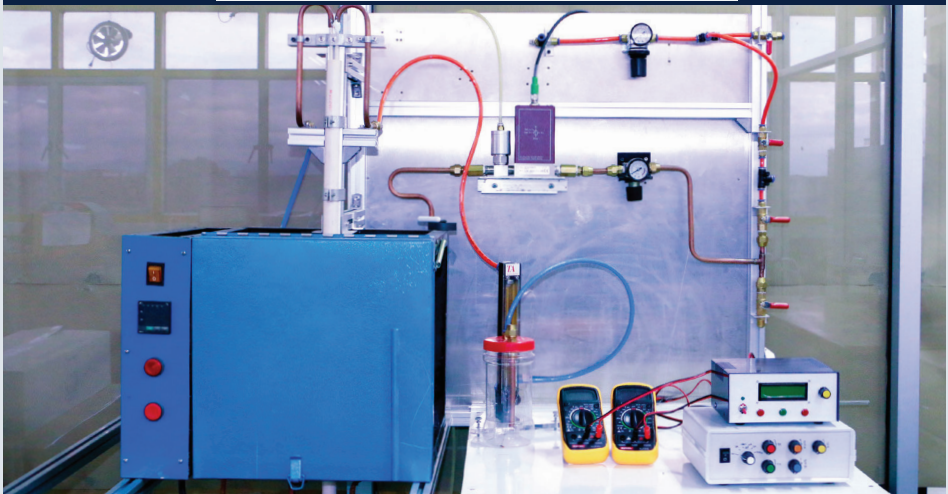
Electronics Materials

Advanced Ceramics

Biodegradable Polymers



For more information,
please visit the following website.
www.physics.science.cmu.ac.th



Doctor of Philosophy Program in Materials Science (International Program)

Type 1.1 : Student with Master degree

Total credit	48	credits
A. Thesis	48	credits
210898 Ph.D. Dissertation	48	credits

B. Academic activities

- 1) A student has to attend the departmental seminars regularly during their period of study and has to present a paper in English on a topic related to his/her thesis at least once per year for a minimum of 3 papers.
- 2) The whole or a part of the thesis must be published or accepted for publishing in academic international journals in at least 2 papers with the following details:
 - 2.1 The journals have to have a good standard peer-review process, which is recognized in the materials science field and
 - 2.2 The journals have to have impact factor more than 0.5 and
 - 2.3 The student must be the first author and
 - 2.4 Those journals must usually be published on a regular basis.
- 3) A student has to present at least one oral presentation on the topic related to his/her thesis at international meeting(s). The student has to declare his/her participation documents of the conference to the Program Administrative Committee, including declare document and full paper proceeding.
- 4) A student has to report thesis progress to the Graduate School every semester with the approval of the Chairman of the Graduate Study Committee of the Faculty of Science.

C. Non-credit course

1. Graduate School's requirement – a English language
2. Program's requirement – A student who is deficient in basic background must register for courses recommended by the graduate program administrative committee.

D. Qualifying examination

- 1) A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.
- 2) An unsuccessful examinee may take a re-examination within the following regular semester. In the case of uncessful re-examination, the student will be terminated from the Ph. D. program and fail to earn any degree.

E. Comprehensive examination

After having submitted a request form to the Graduate School, approved by thesis advisory committee or major thesis advisor, a student must then complete a comprehensive examination.