Master & Doctor of Philosophy Programs in Industrial Chemistry

Research Fields

Functional Cement Production
Bioceramic Development and Applications
Conductive Polymers for Medical Applications
Functional Textile Development
Metal and Alloy Development
Catalyst and Plasma for Chemical Conversion Process
Functional Inorganic Material Development
Functionalized Porous Materials and Catalyst for Water Remediation
Functional Glass Production
Functional Polymer Composite Fabrication
Bio Fuel Production
Nano Technology from Biomass

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

Doctor of Philosophy Program in Industrial Chemistry (International Program)

Type 1.1 : Student with Master's Degree

Degree Requirements	**48 credits**
A. Thesis	48 credits
209898 Doctoral Thesis	48 credits

B. Academic Activities

1. A student has to organize seminar and present paper on the topic related to his/her thesis for 1 time in every semester for at least 3 semesters. Among those seminars, one must have a participation of researcher from industries.
2. The whole or part of a thesis must be published/accepted for international journal at least 2 papers and at least 1 paper must be published with the student as first author. In which at least 1 paper must be categorized in ISI, Scopus, PubMed or Web of Science database or have patent with a patent number.
3. A student must present the whole or part of a thesis in at least 1 international conference meeting at which it is renowned in the field.
4. A student must also participate in other departmental academic activities.
5. A student has to report thesis progression to the Graduate School every Semesters which approved by the Chairman of the Graduate Study Committee.

C. Non-credit Courses

1. Graduate School requirement - a foreign language
2. Program requirement None

D. Qualifying Examination

1. A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.
2. For an approved transfer-student, one must take a qualifying examination within the second semester.
3. An unsuccessful examinee may take re-examination within the following regular semester.

E. Comprehensive examination

1. A student must take a comprehensive examination, approved by advisory committee or major thesis advisor
1. For an approved transfer-student, one must take a comprehensive examination within the forth semester after the transfer.
2. Unsuccessful examinee may take a re-examination within the following regular semester.