Master & Doctor of Philosophy Programs in Applied Physics

Research Fields

Computational Condensed Matter Physics
Experimental Condensed-Matter Physics
Microfluidic Physics
Plasma and Beam Physics
Laser Cooling and Trapping of Neutral Atoms
Atmospheric Physics
Astrophysics

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

Doctor of Philosophy Program in Applied Physics (International Program)

Type 1.1 : Student with Master's Degree

Total credit		**48**	**credits**
A. Thesis		48	credits
217898	Doctoral Thesis	48	credits

B. Academic activities

1. A student has to present a seminar on the topic related to his/her thesis once every semester for at least 3 semesters and students have to attend seminar every semester that the course is offered until graduation.
2. The whole or a part of the thesis must be published/accepted for publication in an international journal indexed in ISI or Scopus or Web of Science database at least 2 papers (as the first author), and at least 1 of them must be published/accepted in an international journal with impact factor indexed in Web of Science.
3. A student must present at least one oral presentation on the topic related to his/her thesis at international conference(s).
4. A student has to report thesis progression to the Graduate School every semester, for approval by the Chairman of the Graduate Study Committee.

C. Non-credit Courses

1. Graduate School requirement – a foreign language
2. Program's requirement:
   - 217891 Ph.D. Seminar in Applied Physics 1 (1 credit)
   - 217892 Ph.D. Seminar in Applied Physics 2 (1 credit)
   - 217893 Ph.D. Seminar in Applied Physics 3 (1 credit)
   - A student who is deficient in basic background must register 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.