

Master & Doctor of Philosophy Programs in Astronomy

Research Fields

Astrophysics
Space Physics and High Energy Physics
Planetary Science
Cosmology



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



Type 2 (Plan A Type A 2)

Degree Requirements Total	a minimum of	37 credits
A. Coursework	a minimum of	25 credits
1. Graduate courses	a minimum of	25 credits
1.1 Field of Specialization	a minimum of	25 credits
1.1.1 Required courses		10 credits
226701 Astronomy: from History to Frontier		2 credits
226705 Stellar Astrophysics 1		3 credits
226710 Computational Astrophysics		3 credits
226791 Seminar in Astronomy 1		1 credit
226792 Seminar in Astronomy 2		1 credit
1.1.2 Elective courses	a minimum of	15 credits

A student may select any graduate courses in the field of thesis research interest and other closely related fields or other courses from the following with a recommendation and an approval from the thesis advisory committee.

226702	Celestial Mechanics	3 credits
226703	Observational Astronomy	3 credits
226704	Planetary Science	3 credits
226706	Stellar Astrophysics 2	3 credits
226707	Galactic Astronomy	3 credits
226708	Interstellar Medium	3 credits
226709	Physics of Solar System	3 credits
226711	High-energy Astrophysics	3 credits
226789	Selected Topics in Astronomy and Astrophysics	3 credits

Note : Course in the field of specialization are courses in graduate level in Physics (207...), Applied Physics (217...), and Astronomy (226...).

1.2 Other courses: The student may enroll other graduate course(s) under the agreement of advisor.

2. Advanced undergraduate courses: In case the student lacks some basic knowledge, which is necessary for the education, the student must enroll some advanced undergraduate course(s) under the recommendation of program administrative committee.

B. Thesis

226799	Master's Thesis	12 credits
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C. Non-credit courses

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

D. Academic activities

At least 1 master's thesis work or a part of master's thesis work must be published or at least accepted to publish in an international journal indexed in ISI or Scopus or Web of Science database or as a full paper in an international conference's proceeding, which is accepted by the program, with the student as the first author.