

Master Program in Applied Geophysics

Research Fields

Sesimic Method
Magnetic Method
Gravity Method
IP/Resistivity Method
GPR Method



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



Type 3 (Plan B)

Degree Requirements	a minimum of	36	credits
A. Coursework	a minimum of	30	credits
1. Graduate courses	a minimum of	30	credits
1.1 Field of Specialization	a minimum of	27	credits
1.1.1 Required courses		6	credits
212703 Geophysical Signal Analysis		3	credits
212791 Seminar in Applied Geophysics 1		1	credit
212793 Geophysical Reading and Writing		2	credits
1.1.2 Elective courses	a minimum of	21	credits
Student can enroll the followings courses or the graduate courses that newly opened in Applied Geophysics with the consent of the graduate program administration committee.			
212711 Seismic Prospecting		3	credits
212712 Seismic Data Processing		3	credits
212713 Seismic Attribute Analysis		3	credits
212714 Seismic Data Interpretation		3	credits
212716 Seismic Anisotropy		3	credits
212741 Borehole Geophysics		3	credits
212752 Seismic Expression of Structural Styles		3	credits
212785 Risk and Economic Analysis of Prospects		3	credits
212789 Selected Topics in Applied Geophysics		3	credits
212796 Special Problems in Applied Geophysics		3	credits
1.2 Other courses (if any)	a maximum of	3	credits
1.2.1 Required courses			- Non -
1.2.2 Elective courses (if any)	a maximum of	3	credits
Student can enroll the followings courses with the consent of the Graduate Program Administration Committee. If student does not take other relevant graduated courses in related disciplines, he/she may enroll in any courses listed in 1.1.2 for 3 credits.			
205765 Petroleum Systems		3	credits
2. Advanced undergraduate courses			- Non -
B. Independent Study			
212798 Independent Study		6	credits
C. Non-credit Courses			
(1) Graduate School requirement	:	a foreign language	
(2) Program requirement	:	Under the recommendation of the Graduate Program Administrative Committee in Applied Geophysics.	
D. Academic Activities			
At least 1 independent study work or part of independent study work must be published in CMU Graduate Journal or in other academic publication approved by the field of study and the graduate school with the student as the first author.			
E. Comprehensive Examination			

Having submitted a request form to the Graduate School, approved by general advisor or major independent study advisor, a student must then complete a comprehensive examination.