

Master & Doctor of Philosophy Programs in Geology

Research Fields

Mineralogy and Petrology
Gemology
Sedimentology and Stratigraphy
Structural Geology and Field Geology
Hydrogeology and Engineering Geology
Petroleum geology
Paleontology



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



Master of Science Program in Geology (International Program)

Type 1 (Plan A Type A 1)

Degree Requirements:

A. Thesis

205797 Master's Thesis 36 credits

B. Academic Activities

1. A student has to organize and present a seminar on his/her thesis progress for at least 2 times.

2. The whole or part of a thesis must be published or accepted for publication in an international journal listed in ISI, Scopus, IEEE, PubMed or Web of Science database with student as the first author for at least 1 paper and the whole or part of a thesis must be presented in an international conference accepted by the field of study for at least 1 paper.

3. 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 Requirement : none

Type 2 (Plan A Type A2)

Degree Requirement: a minimum of 36 credits

A. Coursework a minimum of 21 credits

1. Graduate Courses a minimum of 18 credits

1.1 Field of specialization a minimum of 18 credits

1.1.1 Required courses 2 credits

205791 Journal Club 1 1 credit

205792 Journal Club 2 1 credit

1.1.2 Compulsory elective courses 3 credits

Choose at least 3 credits from the following courses:

205712 Advanced Geology of Thailand 3 credits

205782 Data Processing in Geology 3 credits

1.1.3 Elective courses a minimum of 13 credits

Elective courses can be selected from graduated courses in the following list or other relevant graduate courses offered in Chiang Mai University in accordance with his/her field of concentrations with the consent of the Graduate Program Administration Committee.

205721	Advanced Structural Geology	3	credits
205731	Mineralogy of the Principal Industrial Minerals	3	credits
205735	Mineralogy of the Principal Silicates	3	credits
205736	Mineralogy of Important Non-Silicates	3	credits
205742	Advanced Igneous Petrology	4	credits
205750	Advanced Paleontology	4	credits
205761	Advanced Sedimentology	4	credits
205764	Advanced Stratigraphy	3	credits
205765	Petroleum Systems	3	credits
205781	Analysis of Geologic Materials	4	credits
205783	Advanced Geochemistry	4	credits
205784	Exploration in Geology	3	credits
205789	Selected Topics in Geology	3	credits
205796	Special Problems in Advanced Geology	3	credits
205805	Groundwater Modelling Techniques	4	credits
205807	Groundwater and Environmental Geophysics in Engineering Geology	3	credits
205808	Contaminant Hydrogeology	4	credits
205831	Ore Microscopy	4	credits
205835	Mineral Behavior	3	credits
205872	Genesis of Mineral Deposits	3	credits
205874	Sedimentary and Volcanogenic Mineral Deposits	3	credits
205875	Ore Petrology	3	credits

1.2 Other courses – None –

2. Advanced undergraduate courses (if any) a maximum of 3 credits

Advanced undergraduate courses can be taken for credits with the consent of the Graduate Program Administration Committee. If student does not take advanced undergraduate course, he/she may enroll in any courses listed in 1.1.3.

B. Thesis

205799 Master's Thesis 15 credits

C. Non-credit Courses

Graduate School requirement : a foreign language

Program requirement : none

D. Academic Activities

The whole or part of a thesis must be published or accepted for publication in an international journal listed in ISI, Scopus, IEEE, PubMed or Web of Science database or published as a full paper in an international conference's proceedings with student as the first author for at least 1 paper.