

Doctor of Philosophy Program in Biodiversity and Ethnobiology



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www.biology.science.cmu.ac.th



Doctor of Philosophy Program in Biodiversity and Ethnobiology (International Program)

Type 1.1: Students with Master Degree

Degree Requirements **48 credits**

A. Thesis

220898 Doctoral Thesis 48 credits

B. Academic activities

1. A student has to present a seminar, in English, on the topic related to his/her thesis once every seminar for at least 3 semesters.

2. The whole or part of a thesis must be published/accepted for publication in an international journal, at least 2 papers, an one of them has to be in one of these database: ISI, Scopus, IEEE, PudMed, or Web of Science and the student must be the first author in both papers, and presenting the whole or part of the thesis in an international conference in an accepted field 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 Grauate Study Committee.

C. Non-credit Courses

1. Graduate School requirement - a foreign language
2. Program requirement 220701 Biodiversity and 220702 Biosystematics

D. Qualifying Examination

1. A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.

2. An unsuccessful examination may submit a request to re-examine within the following regular semester.

Type 1.2: Students with Bachelor Degree

Degree Requirements **72 credits**

A. Thesis

220897 Doctoral Thesis 72 credits

B. Academic activities

1. A student has to present a seminar, in English, on the topic related to his/her thesis once every seminar for at least 3 semesters.

2. The whole or part of a thesis must be published/accepted for publication in an international journal in one of these database: ISI, Scopus, IEEE, PudMed, or Web of Science, at least 2 papers and the student must be the first author in both papers, and

presenting the whole or part of the thesis in an international conference in an accepted field 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 220701 Biodiversity and 220702 Biosystematics. A student, who has inadequate basic knowledge for doing dissertation, must take non-credit course (s) with an approval of dissertation advisory 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 examination may submit a request to re-examine within the following regular semester.

Type 2.1: Students with Master Degree

Degree Requirements	a minimum of	48	credits
A. Course work	a minimum of	12	credits
1. Graduate Courses	a minimum of	12	credits
1.1 Field of Specialization	a minimum of	12	credits
1.1.1 Required courses		9	credits
220701 Biodiversity		3	credits
220702 Biosystematics		3	credits
220890 Seminar in Biodiversity and Ethnobiology 1		1	credit
220892 Seminar in Biodiversity and Ethnobiology 2		1	credit
220893 Seminar in Biodiversity and Ethnobiology 3		1	credit
1.1.2 Elective courses	a minimum of	3	credits
Select from the following courses or the others which the graduate education executive committee approves.			
220703 Molecular Evolution		3	credits
220704 Ethnobotany		3	credits
220705 Ethnozoology		3	credits
220706 Ethnomicrobiology		3	credits
1.2 Other courses		None	

B. Thesis

220899 Doctoral Thesis 36 credits

C. Non-credit Courses

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

D. Academic Activities

The whole or part of a thesis must be published/ accepted for publication in an international journal in one of these database: ISI, Scopus, IEEE, PudMed or Web of Science at least 1 paper and the student must be the first author, and presenting the whole or part of the thesis in an international conference in an accepted field at least 1 paper.

E. Qualifying Examination

1. A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.
2. An unsuccessful examination may submit a request to re-examine within the following regular semester.

F. Comprehensive examination

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

Type 2.2: Students with Bachelor Degree

Degree Requirements a minimum of 72 credits

A. Course work a minimum of 24 credits

1. Graduate Courses a minimum of 24 credits
 - 1.1 Field of Specialization a minimum of 15 credits
 - 1.1.1 Required courses 9 credits
 - 220701 Biodiversity 3 credits
 - 220702 Biosystematics 3 credits
 - 220890 Seminar in Biodiversity and Ethnobiology 1 credit
 - 220892 Seminar in Biodiversity and Ethnobiology 2 credit
 - 220893 Seminar in Biodiversity and Ethnobiology 3 credit
 - 1.1.2 Elective courses a minimum of 6 credits

Select from the following courses or the others which the graduate education executive committee approves.

220703 Molecular Evolution 3 credits
220704 Ethnobotany 3 credits

220705	Ethnozoology		3	credits
220706	Ethnomicrobiology		3	credits
1.2	Other courses	a maximum of	9	credits
1.2.1	Required courses		-none-	
1.2.2	Elective courses	a maximum of	9	credits

Select from graduate courses with an approval of the advisor.

2. Advanced Undergraduate Courses **None**

B. Thesis

220898	Doctoral Thesis		48	credits
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C. Non-credit Courses

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

D. Academic Activities

The whole or part of a thesis must be published/ accepted for publication in an international journal, at least 2 papers, an one of them has to be in one of these database: ISI, Scopus, IEEE, PudMed, or Web of Science and the student must be the first author in both papers, and presenting the whole or part of the thesis in an international conference in an accepted field at least 1 paper.

E. Qualifying Examination

1. A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.

2. An unsuccessful examination may submit a request to re-examine within the following regular semester.

F. Comprehensive examination

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