

Code : 25620041100085

Doctor of Philosophy Program in Applied Statistics (หลักสูตรใหม่ พ.ศ.2562)

Name of the degree

Full : Doctor of Philosophy (Applied Statistics)

Abbreviation : Ph.D. (Applied Statistics)

Curriculum structure

05508011 Type 1.1

Degree Requirement

48

A. Thesis

48

208898	STAT	898	Doctoral Thesis	48
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B. Academic Activities

1.A student has to present paper in a seminar course on the topic related to his/her research at least once every semester for at least 3 semesters. Moreover, a student must attend all seminar courses throughout the study period.

2.The whole or part of a Doctoral thesis must be published/accepted for international journal at least 2 papers, which is categorized in ISI, Scopus, IEEE, PubMed or Web of Science database at least 1 paper and at least 1 paper must have student's name as the first author. Moreover, student must present whole or part of a thesis in at least 1 internationally recognized academic conference.

3.A student has to report the progress of his/her thesis progress with approval of the Chairman of the Graduate Study Committee to the Graduate School every semester.

C. Non-credit Courses

1. Graduate School requirement : a foreign language

2. Program's requirement : 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 re-take examination within the following regular semester.

3.An unsuccessful examinee may be transferred to Master's Degree studies with the approval of the Graduate Program Administrative Committee.

05508031 Type 2.1

Degree Requirement : a minimum of

48

A. Coursework : a minimum of

12

1. Graduate Courses : a minimum of

12

1.1 Field of specialization : a minimum of

12

1.1.1 Required courses

9

208871	STAT	871	Advanced Probability Theory	3(3-0-6)
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208872	STAT	872	Advanced Statistical Methods	3(3-0-6)
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208873	STAT	873	Advanced Statistical Model	3(3-0-6)
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1.1.2 Elective courses : a minimum of

3

Student must select form the following courses or the courses approved by the Graduate Program Administrative Committee.

208731	STAT	731	STATISTICAL DECISION METHOD	3(3-0-6)
208734	STAT	734	SAMPLE SURVEY	3(3-0-6)
208737	STAT	737	Statistical Methods of Categorical Data	3(3-0-6)
208749	STAT	749	SIMULATION	3(3-0-6)
208753	STAT	753	DEMOGRAPHIC STATISTICS	3(3-0-6)
208757	STAT	757	DEMOGRAPHIC ESTIMATION	3(3-0-6)
208761	STAT	761	BIOSTATISTICS	3(3-0-6)
208772	STAT	772	COMPUTER PACKAGES FOR ADVANCED STATISTICAL ANALYSIS	3(3-0-6)
208773	STAT	773	Forecasting Techniques	3(3-0-6)
208774	STAT	774	NON-PARAMETRIC STATISTICAL METHODS	3(3-0-6)
208775	STAT	775	STATISTICAL QUALITY CONTROL	3(3-0-6)
208891	STAT	891	Special Topics in Applied Statistics	3(3-0-6)

1.2 Other courses

The student may enroll other graduate course(s) under the agreement of the graduate program administrative committee

2. Advanced Undergraduate Courses

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

B. Thesis				36
208899	STAT	899	Doctoral Thesis	36

C. Non-credit Courses

1. Graduate School requirement : a foreign language

2. Program's requirement : - A student who is deficient in basic background must register courses recommended by the graduate program administrative committee.

D. Academic Activities

1.A student has to present paper in a seminar course on the topic related to his/her thesis once every semester for at least 2 semesters. Moreover, a student must attend all seminar courses throughout the study period.

2.The whole or part of a Doctoral thesis must be published/accepted for international journal at least 1 paper, which is categorized in ISI, Scopus, IEEE, PubMed or Web of Science database and at least one paper must have student's name as the first author. Moreover, student must present whole or part of a thesis in at least 1 internationally recognized academic conference.

3.A student has to report the progress of his/her thesis progress with approval of the Chairman of the Graduate Study Committee to the Graduate School every semester.

E. 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 re-take examination within the following regular semester.

3. An unsuccessful examinee may be transferred to Master's Degree studies with the approval of the Graduate Program Administrative Committee.

Study plan

05508011 Type 1.1

First Year

First Semester

Enroll for university services	Credits	-
Pass foreign language requirement		-
Qualifying examination		-
Present paper and attend seminar		-
Present dissertation proposal		-

Total **0**

Second Semester

208898	STAT	898	Doctoral Thesis	Credits	12
			Present paper and attend seminar		-

Total **12**

Second Year

First Semester

208898	STAT	898	Doctoral Thesis	Credits	12
			Present paper and attend seminar		-

Total **12**

Second Semester

208898	STAT	898	Doctoral Thesis	Credits	12
			Attend seminar		-

Total **12**

Third Year

First Semester

208898	STAT	898	Doctoral Thesis	Credits	12
			Present paper and attend seminar		-

Total **12**

Second Semester

Enroll for university services	Credits	-
Dissertation defense		-
Attend seminar		-

Total **0**

05508031 Type 2.1

First Year

First Semester

208871	STAT	871	Advanced Probability Theory	Credits	3
208872	STAT	872	Advanced Statistical Methods		3
			Attend seminar		-

Total 6

Second Semester

208873	STAT	873	Advanced Statistical Model	Credits	3
			Elective courses in field of specialization		3
			Present paper and attend seminar		-

Total 6

Second Year

First Semester

208899	STAT	899	Doctoral Thesis	Credits	12
			Qualifying examination		-
			Present dissertation proposal		-
			Present paper and attend seminar		-

Total 12

Second Semester

208899	STAT	899	Doctoral Thesis	Credits	12
			Attend seminar		-

Third Year

208899	STAT	899	Doctoral Thesis		12
			Attend seminar		-

Total 24

Second Semester

			Enroll for university services	Credits	-
			Dissertation defense		-
			Attend seminar		-

Total 0