

Guidelines for the Doctoral Program of the Department of Risk Management and Insurance, National Chengchi University

(Applicable to students enrolled from academic year 2019)

Passed in the department affairs meeting on January 5, 2004
Revised and passed in the department affairs meeting on March 1, 2004
Revised and passed in the department affairs meeting on April 19, 2004
Revised and passed in the department affairs meeting on June 17, 2004
Revised and passed in the department affairs meeting on November 8, 2004
Revised and passed in the department affairs meeting on January 9, 2006
Article 5, Paragraph 5 revised and passed in the department affairs meeting on September 18, 2006
Article 1, Paragraph 2 and Article 4 revised and passed in the department affairs meeting on March 12, 2007
Articles 6, 7, and 8 revised and passed in the department affairs meeting on November 26, 2007
Articles 5, 6, and 8 revised and passed in the department affairs meeting on January 7, 2008
Article 8 revised and passed in the department affairs meeting on March 3, 2008
Articles 2, 5, 6, 7, and 8 revised and passed in the department affairs meeting on September 22, 2008
Deletion of Article 5, Paragraph 6 passed in the department affairs meeting on June 22, 2009
Article 5 revised and passed in the department affairs meeting on November 16, 2009
Article 5 revised and passed in the department affairs meeting on April 11, 2011
Article 4 revised and passed in the department affairs meeting on April 23, 2012
Articles 6, 7, 8, 9, and 10 revised and passed in the department affairs meeting on June 10, 2013
Revised and passed in the department affairs meeting on October 7, 2013
Article 9 revised and passed in the department affairs meeting on February 24, 2014
Article 6 revised and passed in the department affairs meeting on November 10, 2014
Articles 5 and 10 and the method for calculating research points for co-authors were revised and passed in the department affairs meeting on January 5, 2015
Article 8 revised and passed in the department affairs meeting on June 20, 2016
Articles 2, 3, 4, 5, 9, and 10 revised and passed in the department affairs meeting on June 21, 2017
Article 6 revised and passed in the department affairs meeting on September 18, 2017
Article 2 revised and passed in the department affairs meeting on May 21, 2018
Article 2 revised and passed in the department affairs meeting on November 12, 2018

A. Duration of Study, Credits

- I. Duration of study: Limited to 2 to 7 years. (Article 53 of the National Chengchi University Regulations)
- II. Graduation credits:
 1. Doctoral students in the Law Division must take at least 34 credits.
 2. Doctoral students in the Management Division must take at least 40 credits.
 3. Doctoral students in the Actuarial Science Division must take at least 26 credits.

The credits above do not include the number of credits for the dissertation. (Article 20 of the National Chengchi University Regulations)

III. Doctoral students shall be ordered to withdraw from school in the event of any one of the following conditions:

1. Failed to pass the degree examination or qualifying examination within the specified period.
2. Failed to complete required courses and credits or pass the degree examination before the duration of study expires.
3. Absent during all examinations or received zero points for tests of all courses taken during a semester.

B. Study Period

1. Doctoral students must take at least two subjects every semester in the first two years after enrollment in order to encourage learning and participation in academic events by doctoral students. In principle, doctoral students must verify their dissertation advisor within two years after enrollment and must submit a Dissertation Advisor Agreement Form signed by their dissertation advisor.
2. Within three years after enrollment, unless due to special circumstances approved by the Doctoral Program Assessment Committee, doctoral students must participate and publish a paper in the college common required course "Research Publication Camp," or attend and publish a paper in an international conference recognized by the Department.

International conferences recognized by the Department are listed below

- (1) Asia-Pacific Risk and Insurance Association (APRIA) Annual Conference
- (2) American Risk and Insurance Association (ARIA) Annual Meeting
- (3) International Congress on Insurance: Mathematics and Economics
- (4) Seminar of the European Group of Risk and Insurance Economists (EGRIE)
- (5) International Longevity Risk and Capital Markets Solutions Conference
- (6) Risk Theory Society Annual Seminar
- (7) Meeting of the Association Internationale de Droit des Assurances (AIDA)
- (8) Deutscher Verein für Versicherungswissenschaft (DVFVW) Annual Conference
- (9) Actuarial Research Conference (ARC)

C. Doctoral Program Assessment Committee

- I. The Doctoral Program Assessment Committee (hereinafter referred to as the “Committee”) was established to evaluate the academic performance of doctoral students in the Department. Before doctoral students find a dissertation advisor, the Committee assists students with course selection and research recommendations. The Committee also provides explanations and recommendations for matters pertaining to the doctoral program during department affairs meetings.
- II. The Committee may establish detailed guidelines and operating procedures for the evaluation of doctoral students’ academic performance.
- III. The Committee shall have four members. The department chair is an ex-officio member, while remaining members are nominated by the department chair at the beginning of the academic year, and are appointed after being approved in a department affairs meeting.

D. Course

I. Required courses:

Law Division: Seminar on International Insurance Supervision, Seminar on Regulatory Compliance in the Insurance Industry, Laws and Risk Management of Financial Holdings Companies, Insurance Theory, Comparative Research on the Insurance Act.

Management Division: Seminar on Insurance Theory, Seminar on the Insurance Industry, Seminar on Insurance Finance, Seminar on Longevity Risk and Pension, Seminar on Risk Management, Microeconomics, and Econometrics.

Actuarial Science Division: Seminar on Actuarial Mathematics, Seminar on Continuous-time Finance, Insurance Theory, Econometrics, Mathematical Statistics, Financial Economics.

The required course “Insurance Theory” of the Law Division and Actuarial Science Division is jointly offered by master’s and doctoral programs. Doctoral students in the two divisions that have already taken the course while studying in the master’s program may be exempted from taking the course, and may select a different course instead.

II. Group courses

Law Division: Seminar on the Insurance Law of China, Seminar on Policy Insurance. (Select one of the two courses, 3 credits).

Management Division: Elective courses require approval from the Committee.

- III. Applications for alternative courses for required and elective courses of each division must be submitted before taking the courses, and must be reviewed by the Committee and approved by the department chair.

E. Qualifying Exam

- I. The qualifying exam is a written exam. The department chair shall assemble a Drafting Committee and appoint a convener.
- II. The field and subjects of the qualifying exam for each division are as follows:

Law Division:

- (1) Field of Study: Seminar on regulatory compliance in the insurance industry.
Includes the following subjects: Seminar on regulatory compliance in the insurance industry.
- (2) Field of Study: Seminar on International Insurance Supervision.
Includes the following subjects: Seminar on International Insurance Supervision.

Management Division:

- (1) Field of Study: Insurance Principles.
Includes the following subjects: Seminar on Risk Management, Seminar on Insurance Theory, Seminar on Longevity Risk and Pension.
- (2) Field of Study: Seminar on the Insurance Industry.
Includes the following subjects: Seminar on the Insurance Industry, Seminar on Insurance Finance.

Actuarial Science Division:

- (1) Field of Study: Seminar on Actuarial Mathematics.
Includes the following subjects: Seminar on Actuarial Mathematics.
- (2) Field of Study: Seminar on Continuous-time Finance.
Includes the following subjects: Seminar on Continuous-time Finance.

- III. Students must pass all fields of the examination.

Doctoral students may choose to take the exam for one to two fields each time, and may only take the qualifying exam for each field two times.

- IV. In principle, exams are held once each during summer and winter vacation. The application deadline is June 30 for the summer qualifying exam, and December 31, for the winter qualifying exam. Late applications will not be accepted.

- V. If students cannot take the qualifying exam due to a major incident, the student may withdraw the application for the exam 7 days before the scheduled date of the exam after gaining approval

from the Drafting Committee, and the qualifying exam will not be included in the total number of qualifying exams taken.

- VI. Doctoral students must complete the qualifying exam within four years after enrollment (including suspension of study), and must pass the oral defense for the dissertation proposal within two years after the qualifying exam.
- VII. Doctoral students may choose to use their research achievements to replace the qualifying exam. One paper published in a grade C or above journal that counts as a research result score of 10 points or above (inclusive) may be used to replace the qualifying exam for one field. The research results published by the doctoral student must be related to risk management and insurance and the field of the qualifying exam, and must be determined by the Committee before being used to exempt the student from taking qualifying exam. If a student is concerned about whether or not a research result can be used for exemption, the student is recommended to first submit the proposal for the paper to the Committee for review, and the Committee will provide a written opinion. One paper may only be used to exempt the student from the qualifying exam of one field. If a student is studying for two doctoral degrees at the same time, the same paper may not be used for exemption for both degrees. After a research result is used for exemption from a qualifying exam, it may not be used to meet other research result score requirements.
- VIII. 1. Students in each division must complete the corresponding course in the field to apply to take the qualifying exam for the field. Corresponding courses for each field are as follows:
 - Law Division:
 - (1) Field of Study: Seminar on regulatory compliance in the insurance industry.
Corresponding course: Seminar on regulatory compliance in the insurance industry.
 - (2) Field of Study: Seminar on International Insurance Supervision.
Corresponding course: Seminar on International Insurance Supervision.
 - Management Division:
 - (1) Field of Study: Insurance Principles.
Corresponding course: Seminar on Risk Management, Seminar on Insurance Theory, Seminar on Longevity Risk and Pension.
 - (2) Field of Study: Seminar on the Insurance Industry.
Corresponding course: Seminar on the Insurance Industry, Seminar on Insurance Finance.
 - Actuarial Science Division:
 - (1) Field of Study: Seminar on Actuarial Mathematics.
Corresponding course: Seminar on Actuarial Mathematics.
 - (2) Field of Study: Seminar on Continuous-time Finance.

Corresponding course: Seminar on Continuous-time Finance.

2. A passing grade for the qualifying exam of each field is 70 points or above.
3. If the field of examination includes several subjects, a passing grade is an average score of 70 points or above. If the average does not reach 70 points, the student must retake subjects that were lower than 70 points when taking the qualifying exam the second time.

F. English proficiency test graduation requirements

- I. Before students enrolled after academic year 2011 submit their degree examination grade report, they must pass one of the following English proficiency test graduation requirements:
 1. TOEIC 750 points or higher (inclusive)
 2. TOEFL IBT 80 points or higher (inclusive)
 3. TOEFL CBT 213 points or higher (inclusive)
 4. GEPT high-intermediate level second stage
 5. IELTS 6 points or higher (inclusive)
- II. If students do not pass the standard above, they may submit proof of taking an exam and take an English course for 36 hours or more (inclusive) at the Foreign Language Center or Center for Public and Business Administration Education of NCCU. However, if there are special circumstances, the student may select a similar course offered by another unit or institution as an alternative after gaining approval from the dissertation advisor and department chair. Students who complete the course will be deemed as passing the English proficiency test graduation requirement.
- III. The previous two paragraphs are not applicable if the student obtained a bachelor's degree or master's degree from a foreign university where English is the native language.

G. Ph.D. Candidate Qualifications

Doctoral students become Ph.D. candidates when they meet the following requirements:

- I. Complete the required courses and credits within the period of study.
- II. Pass the Department's qualifying exam.

H. Language of Dissertation

- I. Students' doctoral dissertation shall be written in Chinese or English, but may be written in other languages after gaining approval from the Department.
- II. If the dissertation is not written in Chinese, the student shall provide a Chinese title and abstract.

I. Dissertation proposal review and oral defense

- I. Doctoral students may only submit their dissertation proposal after becoming a Ph.D. candidate.

- II. Contents of the dissertation proposal must include the research motive and purpose, research methodology, outline, expected research results, and references.
- III. Oral defense of the dissertation proposal must be openly carried out, and application must be submitted to the Committee at least four weeks before the date of the oral defense. There shall be five to nine oral defense jury members (at least two full-time teachers of the Department must be appointed as oral defense jury members for dissertation proposals), and at least one third of members must be individuals outside the university.
- IV. Students must gain the approval of more than two thirds of defense jury members to pass the oral defense for the dissertation proposal. Students who do not pass must re-apply at a different time.
- V. The research results score of doctoral students may not include papers or publications before enrollment.

J. Ph.D. Conferral

- I. Doctoral students may only apply for oral defense of their dissertation by satisfying any one of the following criteria:
 - (1) The research results score of a Ph.D. candidate reaches 25 points or above (inclusive), at least one paper was published in a grade B or above journal, and passed the dissertation proposal review.
 - (2) Published one paper in an outstanding journal and passed the dissertation proposal review.
 - (3) Submitted one paper in an A+ journal in the classification and ranking of international journals in the field of finance under Management 1 and gained the opportunity to revise and resubmit, and passed the dissertation proposal review.
- II. Application for oral defense of the doctoral dissertation must be submitted to the Assessment Committee at least six weeks before the date of the oral defense.
- III. Ph.D. candidates who pass the oral defense of their doctoral dissertation may submit related documents to the university for Ph.D. conferral.

Journals for publishing research results are divided into five categories, and the basic principles and scores are as follows:

Outstanding (50 points per paper)

1. Top 15% SSCI/SCI journals in terms of impact factor according to the latest Journal Citation Report.
2. Financial Times top 50 journals¹ listed by the College of Commerce, NCCU.
3. For outstanding journals² recognized by other departments under the College of Commerce, if two departments have different standards for the same journal, the Department will use the stricter standard.
4. A+ journals³ in the classification and ranking of international journals in the field of finance under Management 1, or
5. Number one international academic journals in the three major fields of insurance (see the Appendix for details).

Grade A (35 points per paper)

1. SSCI/SCI journals in the next 15% in terms of impact factor according to the latest Journal Citation Report.
2. For grade A journals recognized by other departments of the College of Commerce, if two departments have different standards for the same journal, the Department will use the stricter standard.
3. A and A- journals in the classification and ranking of international journals in the field of finance under Management 1, or
4. International academic journals in the next two places in the three major fields of insurance (see the Appendix for details).

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- 1 The highest ranking journals in the first paragraph and the second paragraph are the same as the College of Commerce Subsidy Standards for Journal Papers.
 - 2 The third paragraph was established for teachers of the Department to engage in interdisciplinary research.
 - 3 The fourth paragraph and fifth paragraph were established in coordination with specialties of the Department.

Grade B (25 points per paper)

1. SSCI/SCI journals in the next 30% in terms of impact factor according to the latest Journal Citation Report.
2. For grade B journals recognized by other departments of the College of Commerce, if two departments have different standards for the same journal, the Department will use the stricter standard.
3. B+ journals in the classification and ranking of international journals in the field of finance under Management 1.
4. International academic journals in the next three places in the three major fields of insurance (see the Appendix for details), or
5. Journal paper on an official TSSCI list.

Grade C (10 points per paper)

1. SSCI/SCI journals in the next 40% in terms of impact factor according to the latest Journal Citation Report.
2. For grade C journals recognized by other departments of the College of Commerce, if two departments have different standards for the same journal, the Department will use the stricter standard.
3. B journals in the classification and ranking of international journals in the field of finance under Management 1.
4. Prestigious domestic academic journals in the field of insurance or law (see the Appendix for details), or
5. Academic books with an anonymous review system or published by a renowned international publisher or research institute.

Grade D (5 points per paper)

1. Domestic or foreign academic journal with an anonymous review system.
2. Paper in academic books with an anonymous review system.

Grade E (2.5 points per paper)

1. Paper published in an international conference with an anonymous review system.

* The total number of points from conferences is limited to 5 points.

* **If there are co-authors, the individual score is [score = $\frac{3}{N+2} \times$ score for individual publication], where N is the total number of authors that are not full-time or part-time teachers of the Department; full-time and part-time teachers of the Department are not included in the number of co-authors.**

Appendix

◎ One outstanding journal in each of the three fields

Management: Journal of Risk and Insurance

Actuarial science: Insurance: Mathematics and Economics

Law: Temporarily unavailable

◎ Two grade A journals in each field

Management: Journal of Insurance Regulation

Geneva Papers on Risk and Insurance - Issues and Practice

Actuarial science: ASTIN Bulletin

Scandinavian Actuarial Journal

Law: Insurance and Reinsurance Law International

Tort and Insurance Law Journal

◎ Three grade B journals in each field

Management: Risk Management and Insurance Review

Journal of Insurance Issues

Benefits Quarterly

Actuarial science: North American Actuarial Journal

British Actuarial Journal

Asia-Pacific Journal of Risk and Insurance

Law: Taipei University Law Review

Soochow Law Review

Fair Trade Quarterly

◎ Twenty grade C journals in the field of insurance or law

Law Journal, The Law Monthly, The Taiwan Law Review, Taiwan Law Journal, Socioeconomic Law and Institution Review, Consumer Protection Research, Insurance Monograph, Taiwan Bar Journal, Cross-

Strait Law Review, Research on the Legal System in China, Academia Sinica Law Journal, National Chung Cheng University Law Journal, Technology Law Review, Cheng Kung Law Review, National University of Kaohsiung Law Journal, Central Police University Law Review, Fu Jen Law Review, Chinese Journal of Law, Chung Yuan Financial & Economic Law Review, Journal of Risk Management.