**National Taiwan University of Science and Technology (NTUST)
Graduate Institute of Finance**

**Regulations for Ph.D. Program**

1. **Advisor for PhD Students**

According to our department regulations; courses arrangement, studying progress and thesis advisory shall be responsible by each advisor. For students who do not choose an advisor, any kind of approval and consultation will be handling by our Department Chair with the members of Teacher’s Evaluation Committee.

1. **Courses**

(I) It is necessary to achieve 30 credits.

(II) Required Courses are below:

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| --- | --- | --- | --- |
| **Course Code** | **Course** | **Credits** |  |
| FN5001FN5002FN5003FN5004 | 專題研討(一)、(二)、(三)、(四) | Seminar of special topics (1), (2), (3), (4) | 0 | 6 credits |
| FN5401 | 財務理論 | Financial Theory | 3 |
| FN5303 | 計量經濟學 | Econometrics | 3 |
|  | \*學術研究倫理 | Academic Research Ethics | 0 |

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| **Required Courses--12 credits****Choose 4 courses from the five modules** |
| 研究方法Research Methods | credits | English Course | 金融商品與定價Financial Products and Pricing | credits | EnglishCourse |
| 計量經濟(英) Econometrics | 3 | FN5303★ | 期貨與選擇權(英) Future and Options | 3 | FN5741★ |
| **(Each module choose a course** **as the required course)**分析Regression Analysis3 | 隨機過程與財務應用Stochastic Processes and Financial Applications | 3 |  |
| 線性模式Linear Models | 3 |  | 財務工程數學Mathematics for Financial Engineering | 3 |  |
| 時間數列分析Time Series Analysis | 3 |  | 選擇權定價理論Option Pricing Theory | 3 |  |
| 計量研究方法Quantitative Research Methods | 3 |  |  |  |  |
| 金融數據分析Financial Analytics | 3 |  |  |  |  |
| 會計及財務研究方法Research Methods and Methodology in Accounting & Finance | 3 |  |  |  |  |
| 金融機構Financial Institutions | credits | EnglishCourse | 公司理財Corporate Finance | credits | EnglishCourse |
| 投資銀行與併購(英)Investment Banking and Merger and Acquisition | 3 | FN5506★ | 國際財務管理(英) International Finance Management | 3 | FN5601★ |
| 財務風險管理Financial Risk Management | 3 |  | 公司治理Corporate Governance | 3 |  |
| 金融機構管理Financial Institutions Management | 3 |  | 商業策略與創業財務Business Strategies and Entrepreneurial Finance | 3 |  |
| 金融機構風險管理Financial Institution Risk Management | 3 |  |  |  |  |
| 投資管理Investment Management | credits | EnglishCourse | 其他財金相關Other financial related | credits | EnglishCourse |
| 財報分析(英)Financial Statement Analysis | 3 | FN5201★ | 資產證券化(英)Asset Securitization | 3 | FN6752★ |
| 固定收益證券Fixed Income Securities | 3 |  | 管理經濟(英) Managerial Economics | 3 | FN5101★ |
|  |  |  | 行為財務學Behavioral Finance | 3 |  |
|  |  |  | 總體經濟理論Macroeconomic Theory | 3 |  |
|  |  |  | 財金實務專題研討Seminar on Banking and Finance | 3 |  |

\*Before the end of the first year, students have to take the “Academic Research Ethics” course from [Center for General Education](https://cla.ntust.edu.tw/files/11-1101-6263.php?Lang=zh-tw). Otherwise, students can’t apply for an oral defense.

 \*Professors don’t teach required courses every year. Some courses are taught

 once in two years. Please notice your course arrangement.

 (III) Students could also choose courses from other departments in **School of Management** in **NTU**

 **System** (ex: MBA, Graduate Institute of Industrial Management,Department of Business

 Administration….,etc, but only graduate school courses are permitted) or courses which the

advisor agrees to fill up the rest of the 12 credits needed to graduate.

1. **Advisor**
2. The Department Chair is the academic advisor of all Ph.D. students. The Ph.D. student has to select a thesis advisor within the end of the first year.
3. Change of advisor:

If a Ph.D. student wants to change his/her thesis advisor, he/she must submit a completed application form to the department office after the request is approved by the current advisor (or department chairman) and the new advisor.

If the thesis adviser wants to terminate the instruction to a certain student, the advisor should inform the department office as soon as possible. So that the department office can advise the student to find a new advisor, and then he/she follows the same application procedure.

**IV. Qualifying Examination**

(I) Doctoral students must pass the Qualifying Examination by the end of their 3rd registration year to advance to PhD candidacy.

(II) The subjects and the scope of the Qualifying Exam will be administered based on our department's Regulations of PhD Qualifying Examination.

(III) The Qualifying Examination is offered twice a year. Students must follow the regulations, request to the department office to take the exam in advance and register for the exam.

(IV) The Qualifying Evaluation Committee assigns the drafters and develops the questions and revises them for the exam.

(V) Exemption from the Qualifying Examination:

Doctoral students may also have the following two options for the exemption from the Qualifying Examination by the end of their 3rd registration year.

1. Publish Journal Paper(s)

Doctoral students are exempt from the Qualifying Examination by at least one journal paper published during their first three years of registration. A student intending to apply for exemption of the Qualifying Exam must submit both paper acceptance letter and the Qualifying Exam application form to the department office. The Qualifying Evaluation Committee reviews and evaluates the application, for advancement to candidacy for the Ph.D. Degree, and has authority to make final decision. To exempt from the Qualifying Examination, the paper has to be published in SCI, SSCI, TSSCI, ABI/INFORM or EI-indexed journals. If the student’s work is qualified, the record of her/his Qualifying Exam will be 80 (or A). The paper cannot be published in predatory journals (as posted on our school’s website: ([https://www.management.ntust.edu.tw/var/file/31/1031/img/2019/169630208.pdf*)* and](https://www.management.ntust.edu.tw/ezfiles/11/1011/img/2019/169630208.pdf%29%20and) must meet the following requirements: (1) It must be accepted in her/his PhD career. (2) The student must be the first author or the second author, and it should be published under the name of NTUST. If the student is the second author, the first author must be a full time faculty member in the Graduate Institute of Finance, and the paper should be published under the name of NTUST.

The paper(s) for exempting from the Qualifying Examination does (do) not count as the journal paper(s) needed to meet the graduation requirements.

1. Pass an oral   Qualifying  Examination

Doctoral students are exempt from the Qualifying Examination by passing an oral examination during their first three years of registration. A student intending to apply for exemption of the Qualifying Exam must submit relevant documents (such as the journal paper(s) under revision or submission, dissertation progress report) and the Qualifying Exam application form to the department office. The members of the Qualifying Evaluation Committee participate in the oral exam. The Qualifying Evaluation Committee reviews and evaluates the application, for advancement to candidacy for the Ph.D. Degree, and has authority to make final decision. Application for oral qualifying examination is limited to once during students’ first three years of registration.

At least two journal papers are required for graduation if students are exempt from the Qualifying Examination by passing an oral examination. The criteria to quality for all published (or accepted) journal papers for graduation are the same as those proposed in Point 1. Publish Journal Paper(s) above.

**V. Regulation for Publishing PhD Dissertation**

Before applying thesis oral defense, student must hold at least once domestic or international seminars and at least one paper shall have censorship and considerable international standard. Regarding of the paper standard acknowledgment, it will be review by our department office.

1. **Oral Defense of Dissertation**
2. After completing the first draft and publication of the paper, the candidate may request the Final Oral Examination to the department office under advisor’s agreement. Advisor shall make a list of committee member recommendations to be submitted to the school for authorization. The examination is administered by a committee, which must consist of five to nine members under NTUST regulation.
3. Final Oral Examination is held twice a year: October to January; April to July.
4. Students who do not obtain a passing score on the qualifying exam and have not yet reached the limit of the study time period, may retake the exam once the following semester or school year. Students who fail the retake exam will be asked to leave the program.
5. **Other**

The regulations will be implemented after approval during the department affairs meeting, as shall all future revisions.