



Department of Civil Engineering



International Student Orientation

Presenter: Thuy-Ninh Dao

Sep 2019

PhD Advisor & Committee

.....



FIND AN ADVISOR

It is most important to find an advisor that both of you will work together for several years.

Try to choose advisor who is currently working on the project that you are interesting in or he/she accepts your research idea and topics.

As an international student, advisor will provide the guideline and long term study plan.



ASSIGN STEERING COMMITTEE

Consult your advisor to assign 2 other professors to be your thesis committee within the first year.

REGULATIONS

Select the courses taught by department or related to your thesis.

NOT including the foreign languages and course taken before doctoral program.

18 - 24 CREDITS

Each division has its own credit regulations.

4-6 TIMES SEMINARS

Each division has its own seminar class regulations.

BALANCE THE COURSES

Balance the easy and difficult courses together in one semester. Don't try to take all heavy courses at the same time. This will affect your grade and performance.



COURSES and CREDITS

Complete 18 credits or more

QUALIFYING EXAMINATION



APPLY FOR EXAM

- ✓ Approved by Advisor
- ✓ Completed a research proposal
- ✓ Specific regulations set by Division come before everything
- ✓ Apply within 2 years of entering program and complete the exam by the end of the 3rd year



EXAM TIMING

First semester: **around June to July**

Second semester: **around November to December**



2 CHANCES

You have 2 chances to pass all the required subjects. If you fail to pass for the 2nd time, you will be withdraw from the program.



EXAM FORMAT

1. Paper exam: examination formats are different (opened or closed book)
2. Oral exam



BE PREPARED

Consult your advisor and they can provide some hints and techniques to prepare for the exam.

QUALIFYING EXAMINATION SUBJECTS (1)

Contact tcshen@ntu.edu.tw for more info.

Download: <http://www.ce.ntu.edu.tw/文件下載/>

Division	Subjects	Division	Subjects
Structural Engineering	<ol style="list-style-type: none"> 1. Structural Dynamics or Advanced Concrete Theory 2. Structural Mechanics (including Theory of Elasticity and Theory of Plasticity) 3. Advanced Structural Theory or Finite Element Method) 	Hydraulic Engineering	<ol style="list-style-type: none"> 1. Hydraulic Engineering theories 2. Hydraulic Engineering Methodologies (including Engineering Mathematics, Statistics, Numerical Analysis, and Experiments) 3. Hydraulic Engineering Applications
Transportation Engineering	<ol style="list-style-type: none"> 1. Transportation System Planning 2. Transportation System Design 3. Transportation System Analysis 4. Research Methodology 	Construction Engineering and Management (CEM)	<ol style="list-style-type: none"> 1. Project Management for Construction 2. Construction Finance 3. Econometric and Statistical Analysis

QUALIFYING EXAMINATION SUBJECTS (2)

Contact tcshen@ntu.edu.tw for more info.



Division	Subjects	Division	Subjects
Geotechnical Engineering	<ol style="list-style-type: none"> 1. Soil Mechanics 2. Rock Mechanics 3. Soil Dynamics and Foundation Vibration or Engineering Geology (Select either one) 	Computer-Aided Engineering (CAE)	<ol style="list-style-type: none"> 1. CAE Application 2. CAE Technology (Numerical Analysis, Engineering Information, Engineering Visualization, or Automation Robotics) 3. CAE Systems Development (Software Systems Analysis and Design, Project Management, or User Interface design)
Surveying and Geospatial Engineering	<ol style="list-style-type: none"> 1. Error Theory 2. Remote Sensing 3. Digital Photogrammetry 4. Satellite Geodesy 5. Geographic Information System (Select 3 of the 5)		



PUBLICATIONS

At least 2 papers related to your thesis.

1 SCI/SSCI PAPER

Paper cannot be reused for other PhD students

ANOTHER SCI/SSCI/EI PAPER

This is quite easy to get published.
**Noted that EI Conference papers are not acceptable.

AFFILIATIONS


Author's identity must be marked with the "National Taiwan University, Department of Civil Engineering" or equivalent.

Get Connected with me for more information

Thuy-Ninh Dao

.....

 Room 712, Civil Engineering Research Building

 0909796044

 d06521023@ntu.edu.tw

 Ninh Dao

