

General Requirement for NTU Chemistry-oriented Doctoral Students in Nano Science and Technology Program, TIGP, Academia Sinica

For students enrolled in/after Fall 2005

PhD Program	
Years	3-7 years
Minimum Scores	26 credits (Thesis-Ph.D. not included)
Thesis (Ph.D.)	12 credits
Required Courses	<ol style="list-style-type: none"> 1. "Literature of Chemistry" I-IV (Ph.D.): 4 semesters (4 credits in total) 2. Research Training: 6 Semesters at least (6 credits in total) 3. Nano Science and Technology -- Overview I and II 4. Two advanced (3 credits each), including: <ol style="list-style-type: none"> (1) Advanced Organic Chemistry I and II (2) Advanced Inorganic Chemistry I or II (3) Advanced Analytical Chemistry I or II (4) Advanced Physical Chemistry I or II
Selective Courses	Advanced Chemistry courses offered by NST to fulfill the minimum scores towards Graduation
Other Regulation	<p>* Literature report on Chemistry:</p> <ol style="list-style-type: none"> 1. Doctoral students should take the course "Literature of Chemistry" (Seminar) for 4 semesters and give oral presentation. 2. Every student should submit 8 written reports on the attended colloquiums or seminars. <p>* Research Training:</p> <ol style="list-style-type: none"> 1. Research training should be taken every semester. 2. At least four research trainings are required under the same directing professor.

* Qualify Exam (once an year and can only be retaken once):

Nano Science and Technology

It must be passed within two years counted from the first day students enroll school.

*Cumulative Exam (CUM) and Pre-oral/Oral exam:

1. Doctoral students should pass 2 points in the first year and 7 points in 4 years
2. Doctoral students could take the pre-oral exam at least 6 months after CUM is passed, and take the oral exam at least 6 months after the pre-oral exam is passed.

* Chinese Course:

1. A one-year Mandarin course is also required.