

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

For students enrolled in/after Fall 2012

	PhD Program
Years	3-7 year
Minimum Scores	26 credits (Thesis-Ph.D. not included)
Thesis (Ph.D.)	12 credits
Required Courses	<ol style="list-style-type: none"> 1. Seminar I-IV (Ph.D.): 4 semesters (4 credits in total) 2. Research Training: 6 Semesters at least (6 credits in total) 3. Introduction to Nanotechnology and Advanced Nanotechnology (6 credits in total) 4. Two advanced courses(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 the program or NTU-Chemistry to fulfill the minimum scores towards Graduation
Other Regulation	<ol style="list-style-type: none"> 1. Seminar Doctoral students should take the course "Seminar" for 4 semesters and give oral presentation 2. Research Training <ol style="list-style-type: none"> (1) Research Training should be taken every semester before passing the preoral exam (2) At least four Research Trainings are required under the same directing professor 3. Cumulative Exam (CUM) and Preoral/Oral Exam <ol style="list-style-type: none"> (1) Doctoral students should pass 2 points in the first year and 7 points in 4 years (2) Doctoral students could take the preoral exam at least 6 months after CUM is passed, and take the oral exam at least 6 months after the preoral exam is passed. 4. Chinese Course A one-year Mandarin course is also required for foreign students