

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

PhD Program	
Years	2-7 years
Minimum Scores	22 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. Nano Science and Technology – Overview I and II 3. Four courses which course number starts with a letter “D” and are offered by Physics Department must be completed.
Selective Courses	Advanced Physics courses offered by NST to fulfill the minimum scores towards Graduation
Other Regulation	<p>*Qualify Written Exam (once an year and can only be retaken once)</p> <ol style="list-style-type: none"> 1. Quantum Mechanics (50%) and Classical Electrodynamics or Statistical Mechanics(50%); and 2. Nano Science and Technology (100%) <p style="color: red;">Students must take the Exam in their first year and both must be passed within two years counted from the student’s enrollment day.</p> <p>*Qualify Oral Exam: (applicable for students enrolled in/after 2006)</p> <p>Read Regulations of Qualify Exam for the Students Enrolled in/after Fall 2006</p> <p>*Graduation Exam</p> <p style="color: red;">The exam can only be held after the student has at least one paper based on his/her research being accepted in one of SCI journals.</p> <p>* Chinese Course:</p> <ol style="list-style-type: none"> 1. A one-year Mandarin course is also required.