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	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	*Qualify Exam (once an year and can only be retaken once) 1. Quantum Mechanics (50%) and Classical Electrodynamics or Statistical Mechanics(50%); and 2. Nano Science and Technology (100%) Students must take the Exam in their first year and both must be passed within two years counted from the student’s enrollment day. *Qualify Oral Exam: (applicable for students enrolled in/after 2006) Read Regulations of Qualify Exam for the Students Enrolled in/after Fall 2006 *Graduation Exam The degree examination should be held only when the student has published in a SCI-listed journal at least one paper based on that person’s doctoral dissertation research. In addition, the total cumulative impact factor from all the published papers in SCI-listed journals should be equal to that of the Physical Review. If the student wants to publish any material based on his doctoral dissertation for his degree examination, the student must list the NTU Physics Department as the affiliated channel of communication. Manuscripts accepted for

	publication in SCI journals will also satisfy the above-mentioned publication requirement. * Chinese Course: 1. A one-year Mandarin course is also required.