

**Tamkang University Department of INTENSE Master Program
Curriculum Plan
(Required Courses for INTENSE Master Program Admitted in the
Academic Year 112-114)**

※All lectures in English

In the second year, students need to obtain TOCFL Level 2 on listening and reading tests or above

科目名稱 Course title	學分數	Year 1		Year 2		備註
		上	下	上	下	
Required Course 63 Credits: 26 credits						
Semiconductor Physic	3	3				
System Testing and	3	3				
Semiconductor Industry Forum (I) (Industry Expert Course)	3	3				
Experimental Project	2	2				
Semiconductor Industry CourseForum (II)(Industry Expert)	3		3			
Semiconductor Enterprise Internship (I) (Off-campus Course)	5			5		
Master's Thesis or Industry Practice Thesis	0				0	Thesis (Project) Guidelines hoose the following topic for their master's thesis. Technical Implementation Report Topic: Presentation of project reports and technical implementation reports, requiring the production of technically
Elective Courses: 15 credits						
Experimental Project Internship II			2			
Electron Microscopy and X-ray Spectroscopy			3			

科目名稱 Course title	學分數	Year 1		Year 2		備註
		上	下	上	下	
Semiconductor Enterprise Internship (II) (Off-campus)					5	
Advanced Project Internship					2	
Quantum Testing and Applications					3	

- **Total Required Credits for this Degree Program:** 24 credits
- **Required Credits:** 19 (of which 5 are for Semiconductor Enterprise Internship)
- **Elective Credits:** 5 (select 5 credits from a total of 15 available, with priority given to the 5 Semiconductor Enterprise Internship credits)