

National Chiao Tung University Department of Applied Mathematics
 Required Courses for Undergraduates

Applicable to students from the 2009 academic year

<i>Year</i>	<i>Subjects</i>	<i>Required Credits</i>	<i>1st semester</i>	<i>2nd semester</i>	<i>Remarks</i>
Freshman	General Physics	8	4	4	Excluding Experiment Sessions
Freshman	Calculus	8	4	4	
Freshman	Introduction to Computer Science	6	3	3	
Freshman	Mathematical Logic and Reasoning	4	2	2	
Freshman	Linear Algebra	6	3	3	
Sophomore	Advanced Calculus	8	4	4	
Sophomore	Ordinary Differential Equations	3	3		
Sophomore	Probability	3	3		
Sophomore	Discrete Mathematics	3		3	
Junior	Statistics	3	3		
Junior	Numerical Analysis	3	3		
Junior	Algebra	6	3	3	
Junior	Complex Analysis	3		3	
	Total	64			