

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

Applicable to students from the 2014 academic year

Year	Subjects	1 st semester	2 nd semester	Required Credits	Remarks
Freshman	Physics	4	4	8	
	Calculus	4	4	8	
	Int. to Computer Science	3	3	6	
	Linear Algebra	3	3	6	
Sophomore, Junior (Adaptive guidance course)	Vector Calculus	3		3	
	Differential Equations	3		3	
	Int. to Partial Differential Equations		3	3	
	Practice of Mathematical Software	3		3	
	Computational Mathematics		3	3	
	Probability		3	3	
	Statistics	3		3	
	Discrete Mathematics	3		3	
Sophomore, Junior	Introduction to Analysis	4	4	8	
	Algebra(I)		3	3	
Junior	Complex Analysis		3	3	

Total required credits: 66 points.

The minimum of credits needed to graduate with a bachelor's degree of DAM is 128