應用數學系
Department of Applied Mathematics
113 學年度 (Academic Year 2024)

年級	科目名稱 Course Name	科學領域 Scientific Field		分析領域 Analysis Field		計算實作領域 Computing Field		其它數學領域 Other Mathematic Field	
		上 1st	下 2nd	上 1st	下 2nd	上 1st	下 2nd	上 1st	下 2nd
大一 Freshman	物理 Physics	4	4						
	微積分 Calculus			4	4				
	計算機概論 Int. to Computer Science					3	3		
	線性代數 Linear Algebra							3	3
大二大三 Sophomore、Junior	向量微積分 Vector Calculus			2					
	微分方程 Differential Equations			3					
	計算數學 Computational Mathematics						3		
	機率論 Probability							3	
	離散數學 Discrete Mathematics								3
	分析導論 Introduction to Analysis			4	4				
	代數學(一) Algebra(I)							3	
大二 大三 Sophomore、Junior	偏微分方程導論 Int. to Partial Differential Equations				3				
	統計學 Statistics								3
大三 Junior	複變函數論 Complex Analysis				3				

(1) 偏微分方程導論、統計學、複變函數論，三科至少選修一科。

You need to take at least one of the following three courses: Int. to Partial Differential Equations、Statistics、Complex Analysis.

(2)合計必修學分數：56 學分,本系最低畢業學分為 128 學分。

Total required credits: 56 points.

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

(3)除本系規定之必修科目外，須選修本系所開之專業選修課程至少 16 學分且成績及格。

In addition to the required courses , at least 16 credits of elective courses offered by the department must be taken with passing grades.

(4)通過本校資工系之「程式能力鑑定」後送交課程免修申請單，可免修計算機概論(一)與(二)，並須以本系專業選修課程補足其不足之學分。

After completing the Collegiate Programming Examination (CPE) offered by the Department of Computer Science, the applicant submits a Course Exemption Application form to be exempted from taking "Introduction

to Computer Science (I)" and "Introduction to Computer Science (II)". However, the applicant must make up the credits by taking elective courses offered by the Department of Applied Mathematics to fulfill the credit requirements.

應用數學系輔系科目表
Minor Programs of Department of Applied Mathematics
113 學年度 (Academic Year 2024)

選別 Category	科目名稱 Course Name	學分數 Credit	科目名稱 Course Name	學分數 Credit
必修 Required course	分析導論(一)(二) Introduction to Analysis	8	線性代數(一)(二) Linear Algebra	6
九科至少選修 12 學分 These nine courses be chosen at least 12 credits	微分方程 Differential Equations	3	代數學(一) Algebra(I)	3
	機率論 Probability	3	計算數學 Computational Mathematics	3
	複變函數論 Complex Analysis	3	離散數學 Discrete Mathematics	3
	統計學 Statistics	3	偏微分方程導論 Int. to Partial Differential Equations	3
	向量微積分 Vector Calculus	2		
輔系最低應修學分為 26 學分 The minimum of credits needed to DAM Minor Program is 26				