應用數學系數學建模與科學計算碩士班

113 學年度

最低修業年限	一年
應修學分數	24 學分
應修(應選)課程及符合畢業資格之修課相關規定	必修： 1.至少需通過二學期論文研討。 2.科學計算導論3學分。 3.應用數學方法3學分。 選修科目: **另須選修一門本系應數所 3 學分課程，及兩門跨領域課程共 6 學分。以上課程學生在修課前，必須填寫課程修課認定表，經班主任或指導教授簽名後始認定此課程學分。**
備註	(1)入學第一學期結束前完成學術研究倫理教育課程

MS Program of the Institute of Mathematical Modeling and Scientific Computing, Department of Applied Mathematics

Academic Year 2024

Period of Study	two years
Graduation Credits	24 credits
Compulsory Courses and Graduation Requirements	(A) Required: Students must take and complete the following two courses during the term of study: (i) Introduction to Scientific Computing (3 credits); (ii) Methods of Applied Mathematics (3 credits). In addition, students must pass the Colloquium at least twice. (B) During the term of study, each master student has to earn two interdisciplinary courses which worth a total of 6 credits and three credits of a graduate-level course from the Institute of Applied Mathematics. Students are encouraged to take interdisciplinary courses outside the Institute of Applied Mathematics. The above mentioned courses must be approved by student's thesis advisor. In case that the student does not have a thesis advisor yet, these courses can also be approved by the program director. The above mentioned courses can be counted as a part of total credits for student's graduation when an acknowledgement sheet, that indicates the course(s) being chosen under thesis advisor or program director's approval, is submitted to the department office.
Remarks	1.Students should study "Academic Ethics Education" program before the end of the first semester after enrollment.

應用數學系數學建模與科學計算碩士班(輔所)

113 學年度

應修學分數	12
應修（應選）課程	(1)必修 6 學分：本系所開授科學計算導論 3 學分、應用數學方法 3 學分。 (2)選修 6 學分：本系所開授非專題性課程 2 門共 6 學分。
備註	

Mathematical Modeling and Scientific Computing(Minor Program)

Academic Year 2024

Minimum Credits	
Curriculum and Regulations	The requirements for the minor in Applied Mathematics ,must complete a minimum of 12 credits from the following: (1) Required courses(6 credits): “Introduction to Scientific Computing (3 credits); “Methods of Applied Mathematics” (3 credits). (2) Elective courses (6 credits): two graduate level courses, which are not conducted in the form of a seminar.
Note	