

## 課程大綱及進度表

開課系所	應用數學研究所
開課學年	100
開課學期	1
課程名稱(中文)	辛幾何(一)
課程名稱(英文)	<a href="#">SYMPLECTIC GEOMETRY, I</a>
課程碼	L172100
分班碼	
先修科目或先備能力	
學分數	3
開課教師	夏杼
e-mail	ezxia@mail.ncku.edu.tw
電話	65159
Office Hours	By Appointment
課程概述	This is the first of possibly two classes on symplectic geometry. It covers the standard topics of symplectic bilinear forms on vector spaces, smooth manifolds, symplectic forms on smooth manifolds and Hamiltonian actions.
教學目標	Provide a foundation for students who are interested in differential and symplectic geometry
授課課程大綱明細	
參考書目	Lectures on Symplectic Geometry, by Ana Cannas de

	Silver; Introduction to Symplectic Topology, by Dusa McDuff and Dietmar Salamon
課程要求	
評量方式	Projects and Presentations 100%.
課程網址	<a href="http://www.math.ncku.edu.tw/~xia">www.math.ncku.edu.tw/~xia</a>
助教資訊	
備註	