

Ming Chuan University Department of Applied Statistics and Information Science Master Course Outline for all students entering in 2020 page 1 of 2  
(Graduate program)

Course		Credits	Hours	1 <sup>st</sup> year				2 <sup>nd</sup> yea				Course Code
				Fall		Spring		Fall		Spring		
				class	lab	class	lab	class	lab	class	lab	
Core Required Courses	Applied English I	2	2	2								01601
	Applied English II	2	2			2						01602
	Subtotal	4	4									
Professional Required Courses	Statistical Methods and Data Analysis	3	3	3								95501
	Structured and unstructured data processing	3	3	3								95502
	Data exploration practice	3	3			3						95503
	Statistical Consulting	1	1							1		95636
	Seminar-1	2	2			2						95504
	Seminar-2	2	2					2				95601
	Subtotal	14	14									
Professional Elective Courses	Big Data Analysis Practice	3	3			3						
	Text data mining practice	3	3			3						
	Survey Design and Analysis	3	3	3								95531
	Design and Analysis of Experiments	3	3	3								95532
	Special Topics in Nonparametric Statistics	3	3	3								95533
	Regression Analysis Research	3	3	3								95534
	Actuarial Mathematics	3	3	3								95535
	Statistical Biology	3	3	3								95536
	Categorical Data Analysis	3	3			3						95541
	Multivariate Data Analysis	3	3			3						95542

