Ming Chuan University Department of Applied Statistics and Information Science Master Course Outline for all students entering in 2012 page 1 of 2 (Graduate program)

Course		Credits	Hours	1 st year					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	Statistical Methods	3	3	3								95501
Courses	Statistical Theory	3	3	3								95502
	The Application of Statistical Information	3	3			3						95503
	Software											
	Statistical Consulting	1	1							1		95636
	Seminar-1	2	2			2						95504
	Seminar-2	2	2					2				95601
	Subtotal	14	14									
Professional Elective	Survey Design and	3	3	3								95531
Courses	Analysis											
	Design and Analysis of Experiments	3	3	3								95532
	Special Topics in	3	3	3								95533
	Nonparametric Statistics											
	Regression Analysis	3	3	3								95534
	Research											
	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

Ming Chuan University Department of Applied Statistics and Information Science Master Course Outline for all students entering in 2012 page 2 of 2 (Graduate program)

Course		Credits	Hours	1 st year					Course Code			
				Fall		Spring		Fall		Spring		
				class	lab	class	lab	class	lab	class	lab	
Professional Elective	Advanced Design and	3	3			3						95543
Courses	Analysis of Experiments											
	Special Topics in Time	3	3			3						95544
	Series Analysis											
	Marketing Research	3	3			3						95545
	Statistical Bioinformatics	3	3			3						95546
	Survival Analysis	3	3					3				95631
	Special Topics in	3	3					3				95632
	Industrial Statistics											
	Special Topics in	3	3					3				95633
	Operations Research											
	Practices of Marketing Survey	3	3					3				95634
	Stochastic Process	3	3					3				95635
	Applied Structural Equation Model	3	3					3				95645
	Data Mining	3	3							3		95641
	Reliability Analysis	3	3							3		95642
Grand Total	Master Thesis	6										95602
	Required Courses	18										
	The Minimum Credits Required for Elective	18										
	Professional Courses											
	Total	42										